To all Gentlemen, Artificers, and Booksellers.

IN Reply to a *Frivolous* and *Trifling* Advertisement which has lately appear'd in some of the News Papers: It is pleasant to observe, what an odd Figure some Men, who are Admirers of their own Abilities, are apt to make, when they mistake their Talents, and their Judgment and Capacity are publickly call'd in Question. I think the most extraordinary Instance we have lately had of that Kind is Mr. *J. W*, when, in Defence of his Reputation and Interest (which, in the present Dispute, are to stand or fall together) he has the *apocryphal Bon Grace* to tell the Publick, that the *meanest* Capacity may understand his DECIMAL Tables, provided he does but understand *Common Addition*. He might certainly, with as much *Truth* and *Modesty*, have asserted, that any Man may understand *Arithmetick* without understanding *Numbers*. Now, tho' I have not the least Hopes of convincing Mr. *J. W.* of the *Usefulness* of Mr. *Hoppus*'s Tables, or that *J. W*'s are *ill-judged* and *unintelligible*; yet I have a better Opinion of the Publick, and therefore shall lay before them *Two of his own Examples*, one in *Superficial* and the other in *Solid* Measure.

By *J. Woodcock*'s Tables, Page 25, Example I. we are told, that the Contents of a Board, 19 Feet in Length, and 11 Inches and 1 half in Breadth, is 18.2083, which Decimal he explains thus (pray mind it) *that is 18 Feet and two Thousand eighty three ten Thousandth's Parts of a Foot*: These are his own Words. Now look but into *Hoppus*'s Tables, and they tell you *at once* that the Contents of that Board is 18 Feet, 2 Inches and an Half. I wou'd ask any Man in his Senses, which of these Answers are most intelligible to common People? Or, Whether any one that understands only *Common Addition*, can imagine what is meant or intended by *two Thousand eighty three ten Thousandth's Parts of a Foot*? You shall now see he comes off *no better* in *Solid Measure*; for by *J. W*'s Tables, Page 92, Example I. we are told, that the Contents of a Piece of Timber 20 Feet in Length, and 15 Inches and 1 half the Side, is 33.3680, which Decimal he explains thus (pray observe it) *that is 33 Feet, and three Thousand six Hundred and eighty ten Thousandth's Parts of a Foot*: These are his own Words. Now if you do but look into *Hoppus*'s Tables, you find *at once* that the Contents of that Piece of Timber is 33 Feet 4 Inches, and 5 twelfth Parts of an Inch, and therefore it is submitted to the Publick, whether Mr. *Woodcock*'s or Mr. *Hoppus*'s Tables are like to be of most Service to the *Generality* of Mankind.

And farther, Those who are Masters of *Decimals* do tell Mr. *J. W.* notwithstanding all his *boasted Exactness*, that the *Decimals* in both the above Examples, *are Defective and Erroneous*, and do not come up to the real Truth, and that there are *many Hundred* Instances of this Sort to be met with in his *infallible* Tables; and if it were our Misfortune to labour under the same Necessity of *quibbling* and *snarling*, and *looking out for Cover* as he does, we cou'd make as much Bustle about this as he does about the 12th Part of an Inch: But we think it *idle* and *childish* to perplex the World with such *Stuff*, that is of no Consequence either to the Buyer or Seller. If we thought any other of his Objections of any Weight, we should have now reply'd to them; but when a Man happens to be got *so notoriously wrong*, and at the same Time has the Misfortune to be one of the last Men living that is capable of being convinced of it, we think it is high Time to look upon him as a fitter Object of *Compassion* than *Resentment*; And as such we finally take our Leave of him.

Bind this facing the *Title-Page* of *Hoppus's Measurer*.

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Bind this facing the *Title-Page* of *Hoppus's Measurer*.

Practical Measuring

Made Easy

To the Meanest Capacity,

By

A *New* SET of TABLES;

Which, Upon

A *Bare Inspection*, shew what is the *Solid* or *Superficial* Content (and *consequently* the Value) of any *Piece* or *Quantity* of Timber, Stone, Board, Glass, *&c.* used in Building, *&c.*

Also,

The *Solid* Content (and *consequently* the Value) of all Kinds of *Squared* or *Round* Timber, whether it be *Standing* or *Felled.*

Contrived to answer all the Occasions of *Gentlemen* and *Artificers*, far beyond any thing yet extant, the Contents being given in *Feet*, *Inches*, and *Twelfth Parts* of an Inch.

With a *Preface*;

Shewing the *Convenience* and *Excellence* of this *New Method*, and *Demonstrating*, that whoever ventures to rely upon those *obsolete* Tables and Directions Publish'd by *Isaac Keay*, is liable to be deceived (*in common Cases*) 10 s. in the *Pound.*

The Whole

Being of the greatest Use (*because they may* safely *be depended upon*) to all Persons who have any Concern in *Buying*, *Selling* or *Valuing* Timber, or other *Materials* for Building, *&c.*

Calculated and *Re-examined* from the Press,

By E. HOPPUS,

Surveyor to the Corporation of the *London* Assurance.

The SECOND EDITION;

To which is *Now* added, *A Very Useful* Appendix, concerning the *Value* of *Nails*, *Locks*, *Hinges*, &c.

LONDON:

Printed, and Sold by *E. Wickstead* at the Black Swan in Newgate-street. 1738.

Be careful to obſerve,

☞ That no Copy of this Impreſſion of *Practical Meaſuring*, is warranted *by Me* to be Correct, or is to be depended upon, unleſs I have ſubſcribed *my Name* to this Declaration upon the Back of the Title.

THE PREFACE.

TO those who are unacquainted with the *intolerable Blunders* and *numerous Imperfections*, with which *other Tables* already extant for the measuring of *Timber*, *Stone*, *&c.* do abound; to such, I say, it may seem unnecessary at this Juncture to trouble the World with any *new Calculations* upon this Subject: Yet upon an impartial Examination of what has been published upon this Head, it will appear, that it has hitherto been the Fate of those Writers either to have been very *indolent*, or *very ignorant*, or what is still worse, *very dishonest*.

DARLING's *Carpenter's Rule made easy*, and KEAY's *Practical Measurer*, are the Books got into the Hands of most *Buyers* and *Sellers* of *Timber*, *Stone*, *&c.* and have been too long already *implicitly* relied upon; especially the *last*, as will appear from the following Observations.

I. In *Darling*, it's true, you have a Table for finding the *true Square* of *unequal-sided Timber*; but then it's so far from being *generally useful*, that if you have any Occasion to look for the *Square of* 2 *Inches by* 5 *Inches*, 2 $\frac{1}{2}$ by 7 $\frac{1}{2}$, 3 $\frac{1}{2}$ by 11 $\frac{1}{2}$, 5 $\frac{1}{2}$ by 17 $\frac{1}{2}$, *&c. they are no where to* [illegible]; notwithstanding the[illegible]*sions* are *frequently* wanted for the measuring of *Joists*, *Bond Timbers*, *Lintelling*, and several other sorts of *Timber*, as well as for *Stone*, *&c.* used in Building. And then *Darling* having extended his Table of *the Square* of *unequal-sided* Timber no farther than to *double* the *lesser Side*, and *beginning* with 2 and *ending* with 36 Inches, this has render'd them very *defective*, and consequently of *little Use*. Whereas these *new Tables*, from 2 as far as 9, run to 18 Inches the *other-side*, and are extended to 54 Inches the *largest-side*, equal to the Extent of the Table of

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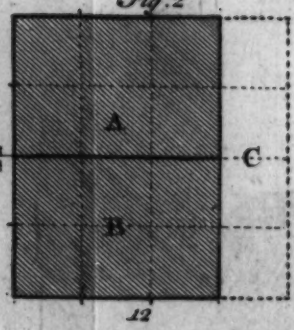
Example I Page IV

Fig. I

Fig. 2



Example II Page V

Fig. I

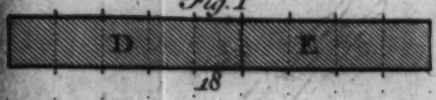
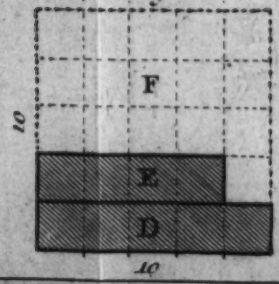


Fig. 2



of *ſolid Meaſure*, to which they relate. And beſides all this, the Table he exhibits for the ready finding the *Contents* of *equal-ſided* Timber is ſo very ſhort, that *Darling* in this Reſpect is more *defective* than even *Keay* himſelf.

II. In *Keay* you have no Table at all for the meaſuring of *unequal-ſided* Timber, Stone, *&c.* but thro' the *Ignorance* or *Diſhoneſty* of the Author, * an *erroneous* Rule is *laid down*, viz.

Add the two *Sides together, and take the* Half *thereof for the* true *Square, or take a* Fourth *of the Girt, or* Four *Sides.*

Now *this Rule* which he lays down for your *Guide* is ſo far from *Truth*, that a *greater Fallacy* could hardly be aſſerted.

* If *I. K.* did really believe that the Contents of *unequal-ſided* Timber cou'd be found by his Tables, obſerving the RULE he gives in the laſt Page of the *Explanation* of his Table of *ſolid Meaſure*, it is very plain from the following Examples, that he *exceeded in ignorance.*

And if on the other Hand it can be ſuppoſed he was aware that *his Table and Directions* would not anſwer their End, it is undeniable, that he has treated the Publick with *great Diſingenuity*, by taking upon himſelf to inſinuate the Contrary.

EXAMPLE I.

[See the Copper Plate Facing *page* iii.]

Let Fig. 1. (*marked* A B) *repreſent the* End *of a Piece of* Timber *or* Stone, *ſo* unequal-ſided *as* 18 *Inches* Broad, *and but* 6 *Inches* Thick:

Now to find the true Square *of this Piece*, Keay *directs you to* add *together the* two *Sides*, viz. 18 *and* 6, *which make* 24 *Inches*, *and if you take* Half of that Number, *viz.* 12, ſays he, *you have the* true Square; *whereas by theſe* new Tables, *and in* Fact, *it is* not quite 10 *Inches* $\frac{1}{4}$.

DEMONSTRATION.

Let Fig. 2. *repreſent a* Square *of* 12 *Inches* each Side, *then divide* Fig. 1. (*by the* ſtrongeſt *dotted Line*) *into* two *equal Parts*, *and take that Part marked* B, *and place it in* Fig. 2. *then take the other Part marked* A, *and place it in* Fig. 2. *likewiſe*; *and when this is done there will plainly appear* to be wanting *all the* dotted Part C, *which is no leſs than* one Fourth *of the* whole *Square*; *and conſequently the* Buyer, *if he relies upon the Advice of the* judicious *Mr.* Keay, *he certainly pays for* one Fourth more *Timber than in reality he has*, *or ought to pay for.*

But

But this Miſtake *of* 5 *s.* in the Pound, *you ſhall ſee, is only one of Mr.* Keay's Peccadillos.

EXAMPLE II.

[See the Copper Plate Facing *page* iii]

Let Fig. 1. *(marked* D E) *repreſent the* End *of a Piece of* Timber *ſo* unequal-ſided *as* 18 *Inches* broad *and but* 2 *Inches* thick.

Now if you rely upon Keay, *and* add *together the* two Sides 18 *and* 2, *it makes* 20 *Inches*, Half of which, *ſays he, is the* true Square, *viz.* 10 *Inches*; *whereas by* my Tables, *and* in Truth, *the* true Square *is but* 6 *Inches.*

DEMONSTRATION.

Let Fig. 2. *repreſent a* Square *of* 10 *Inches* each Side; *then* divide Fig. 1. *(by the* ſtrongeſt *dotted Line) and take that Part marked* D *and place it in* Fig. 2; *then take the other Part marked* E, *and place it in* Fig. 2. *likewiſe and when this is done there will plainly appear* to be wanting *all the* dotted Part F, *which is near* two Thirds *of the* whole *Square, and conſequently the Buyer, when in Fact he ought to pay but* 7 *s.* 2 *d.* $\frac{3}{8}$, *if he's guided by* Keay, *he muſt pay* 20 s. *which is* 12 s. 9. d.

9 d. $\frac{5}{8}$ in every 20 s. in his own wrong. * †

	s.	d.
* Should be paid	07	2 $\frac{3}{5}$
K. advises you to pay too much	12	9 $\frac{5}{8}$
	20	0

† But perhaps the above Manner of Demonstration, which is *Geometrical*, may not appear clear and satisfactory to all, and therefore I shall demonstrate the *Fallacy* of Keay's Rule *Arithmetically*.

DEMONSTRATION.

Suppose you have a Piece of Timber, *each Side* whereof is 12 *Inches* (or a *Foot Square*) these *multiplied* into *each other* (viz. 12 by 12) make 144, (the *Inches* in a *superficial Foot*;) but should the *Sides vary* or become unequal *ever so little* from this *Size*, there will be a *Fallacy* in the above-mention'd *Rule*.

For, was *one* Side 13 *Inches* and the *other* 11, these *added* together the *Half* will still be 12 for the *true Square*.

But if *multiplied* together (as they always ought to be and are in the Calculation of these *New* Tables) it will be but 143. So that here is *One* superficial Inch *too much* in *every* Foot of *Length*, be there ever so many.

AGAIN,

If *one Side* is 16 Inches and the *other* 8 Inches, these *added* together *the Half* is also 12 for the *true* Square; but *multiplied* it is only 128, so that in this Case whoever has any thing to do with *Keay's Rule* and *Tables*, will certainly pay for 16 superficial Inches *too much* in *each Foot* in *Length*, be there ever so many.

Let us now *re-consider* Example I, and II, *Arithmetically*.

In Example I, 18 *multiplied* by 6 is but 108, and consequently *Keay's Rule* which makes it 144, is *exceeding full* that being 36 *Superficial* Inches *too much* in every Foot in *Length*, be there ever so many; or *one Fourth*, as was before *demonstrated*.

From these *Demonstrations* it is plain, that no Man ought to assume the Character of an Author, and *publickly* to take upon himself to determine in the Business of MEUM and TUUM before he's well assur'd of his own Abilities for such an Undertaking, and is resolved to make some *Conscience* of what he publishes: if a due Regard had always been had to this Consideration, we shou'd never have met with any *Forward Pretender*, presuming to teach others those Things, which it is evident *he did not understand himself*.

I shou'd scorn to make these Observations at all for the Sake of Disparaging the Performances of others, or to build my self a Reputation on their Ruins; but I think my self obliged to acquaint the Publick with the plain Truth of Things without Favour or Affection; and I am satisfied if this Conduct were practis'd, both the Time and Expence of gaining useful Knowledge wou'd be much shortened; and whoever endeavours to promote *that*, let the

In Example II. where the *different* Sides are 18 and 2, these *added* make 20, whose *Half* is 10, which being *multiplied* by itself (viz. 10 by 10) is 100; whereas the Sides *multiplied* together make but 36, and consequently if you have any thing to do with *Keay's Rule* and *Tables*, you certainly pay for 64 *Superficial* Inches in every 100 Inches more than you have; which is above 12 s. 9 d. in every 20 s. more than ought to be paid, as was before *demonstrated*.

the Returns he meets with be what they will, he certainly lays the Publick under the greateſt Obligations.

By this Time it is to be preſumed no Man can doubt the Publick to be in want of a *new* Set of Tables for meaſuring all ſorts of *Timber*, *Stone*, *Boards*, &c. and theſe I here preſent them with, by giving the Contents in *Feet*, *Inches*, *and* 12*th Parts of an Inch*, which is the moſt *natural Method*, and beſt adapted to *ordinary Capacities*, (for whoſe Sakes theſe Tables were principally intended.) I ſay, the *Method* of theſe Tables (ſince it *comes near enough the Truth*, and can be *at Sight* conceived) is *vaſtly preferable* to the 10000 Parts of a Foot made uſe of by *Darling*, or the more unintelligible 432 Parts of a Quarter of a Foot made uſe of by *Keay*.

The Table of *Superficial* or *Flat Meaſure* is *new*, and is extended to 24 Inches the *Breadth*, (which is *double* the Breadth of *Keay*'s) and is calculated to the Exactneſs of a *Quarter of an Inch*; which renders it very uſeful to *Glaziers*, *and others*, who Meaſure *flat* Work to the *greateſt Exactneſs*, which *Keay*'s Table of *Flat Meaſure* does not, by Reaſon he has omitted the *Quarters*.

From

From a Sense of the *fatal Consequences* that Mistakes in Printing must occasion in Works of *this Nature*, I have been cautious in examining each Number throughout the Book, so that I have Reason to believe they are *all exact*; and therefore both the *Buyer* and *Seller* may depend upon meeting with *mutual Justice* from these Tables, which, it's plain, from what has been said above, they are not to expect from *Keay*'s, where the Press-Errors are gross and numerous.

I believe no Body can doubt these Tables to be as extensive as was consistent with my Design of making them a *cheap Pocket-Companion*; and if the Publick does but reap the Advantage from them, which I intended they should, it will be ample Satisfaction to me, and I think they can have no Reason to complain.

E. H.

P. S. The List of the *present* Prices of *Locks, Bolts, Hinges, Nails*, &c. added to this 2*d* Edition, is *intirely new*, and full of such Intelligence, as must afford all those who desire to be *good Husbands* in the Affair of Building much Satisfaction; and therefore, I am perswaded it will be well received by those who consult it.

The Prices I have set down are such as they are *now* sold at by the *wholesale* Smiths and Ironmongers, either to *Workmen* or *Gentlemen*, who take them *in such Quantities* as I have set them down, (viz. some *single* and some in *Dozens*; &c.) for those *Retailers* or *Shopkeepers* who buy 'em of these large Dealers to sell again have them for less then I have set down, viz. at the *Retailer's Price*.

I have ſome Times heard inconſiderate People, as well as thoſe whoſe Intereſt it is that the *real* Value of theſe Sorts of Goods ſhould remain a Secret; object againſt the publiſhing any Thing of this Kind, becauſe every one has not an Opportunity of applying always to the *wholeſale* Ironmongers and Smiths for what they want, but are forced to take what they have Occaſion for from the *Retailer* in the *Country*, at his Price, and of which, ſay they, you have not taken the leaſt Notice. In anſwer to this, let ſuch People take the following Conſiderations, I. That it is impoſſible in the Nature of the Thing there could be any *one* Book of Rates for theſe Goods which would hold *equally* in all Parts of the Kingdom alike. II. That many of the *Country Retailers* are very Arbitrary, and will not at all be ſatisfied with a *moderate Profit*, which the wholeſale Dealers muſt; for he who is not, can have little or no Buſineſs; and tho' the *Gentlemen* and *Workmen* are not always well acquainted with the Value of theſe Goods, yet the *Retailers* always are, and knowing the different *wholeſale* Dealers will always go to one who uſes him beſt. III. For theſe Reaſons (in which I have been confirm'd by the Advice of ſeveral skilful and intelligent Workmen) I have choſe to ſet down thoſe Prices only which the *wholeſale Dealers* take of *Gentlemen* and *Workmen*; becauſe from theſe it is *eaſier* and *ſafer* both for the *Gentleman* and *Workman* to draw more advantagious and beneficial Concluſions, than from any other Prices whatſoever.

It only remains for me to acquaint the Reader, that he ſtands indebted for the *Prices* and *Weight* of the *Nails*, to a Gentleman that is at preſent a very conſiderable Dealer in that Way, and has been ſo near 30 Years; and for the Prices of the *Locks*, *Bolts*, *Hinges*, *Saws*, &c. to a worthy Gentleman who has dealt very largely in theſe Articles, for near 40 Years laſt paſt, and is very lately retired from Buſineſs, to enjoy an ample Fortune, the Reward of his extraordinary Skill and Application: So that theſe Liſts of Prices may be ſafely rely'd upon with all the Security that can be deſired. THE

THE EXPLANATION AND USE Of the following TABLE OF THE Square of *unequal-sided* TIMBER, STONE, &c.

BEFORE I proceed *to explain* and shew *the Use* of the Table of *solid Measure*, it is necessary that I should *explain* and shew the *Use* of the Table of the *Square of unequal-sided Timber*, whereby any Piece of Timber, Stone, &c. being *broader one way* than the *other*, we may find the *Side of the Square* equal thereto.

I. At the *Beginning* of this Table, betwixt *two parallel Lines*, stands *two Inches Square*, which two Inches is the *Thickness* or *lesser Side* of the *End* of a Piece of Timber that you would find the *Square* of; and under the said *parallel Lines* are *three* Rows or Columns of Figures: in that Column to the *left Hand*, divided from the *other two* by a black Line, is the *Breadth* or *larger Side* of the Piece to be measured.

Note, The *little* Figures of 2 which in the said *left Hand* Column stand between 2, 3, 4, 5, *&c.* signify two *Quarters* or *Half an Inch*.

II. The *second* and *third* Row of Figures shew the *Square* of the Piece in *Inches*, and *Quarters of an Inch*, answering to every *Inch* and *Half Inch* of *Breadth* in the *left Hand* Column.

To find the Square *of* unequal-sided *Timber*.

EXAMPLE I.

Suppose you have a Piece of Timber or Stone, the End of which is 3 *Inches* Thick, *and* 7 *Inches* Broad, *and want to know the* Square Side *of it:*

Look in the Table for 3 Inches *the Thickness (or lesser Side)* betwixt the *parallel Lines*, keeping

ing your Eye down the *left Hand* Column till you come to 7, and *over against* that in the 2d and 3d Row you'll find 4 : 2, which signifies 4 *Inches* 2 *Quarters*, or Half an Inch, and that is the *Square Side* of a Piece of *Timber* or *Stone*, equal to 3 Inches *Thick* and 7 Inches *Broad*.

EXAMPLE II.

If you have a Piece of Timber or Stone, the End *of which is* 4 *Inches and an Half* Thick, *and* 11 *Inches and an Half* Broad, *and would know what is the* Square *of it:*

Look for 4 $\frac{1}{2}$ the *Thickness (or lesser Side)* betwixt the *parallel Lines*, keeping your Eye down the *left Hand* Column, and betwixt 11 and 12 is a *small* Figure of 2, which signifies *Half an Inch*, and consequently stands for 11 $\frac{1}{2}$ (the *Breadth*) and *over-against* that in the 2d and 3d Row you'll find 7 : 1, which is 7 *Inches* and 1 *Quarter*, and that is the *Square* Side of a Piece of Timber or Stone *equal to* 4 Inches $\frac{1}{2}$ *thick* and 11 $\frac{1}{2}$ *broad*.

EXAMPLE III.

Let there be a Piece of Timber whose Thickness *at the* End *is* 29 *Inches and* $\frac{1}{2}$, *and the* Breadth

34 *Inches, the* Square Side *of which will be found in the Table to be* 31 Inches *and* 3 Quarters.

☞ If any one ſhould object that the *Quarters* of an Inch are not conſidered in this Table of *unequal-ſided* Timber; to ſuch it may appear (from an Example or two) that to have taken notice of the *Quarters* in the Table would have been *unneceſſary*; becauſe there is no *Square Side* to be found *nearer* than what I have calculated.

EXAMPLE IV.

If you have the End *of a Piece of Timber* 5 *Inches and* $\frac{3}{4}$ Thick, *and* 7 *Inches and* $\frac{1}{4}$ Broad,

In this Caſe, *take the* Quarter *from the* largeſt Side, *and add it to the* ſmalleſt Side, *and then it will be* 7 *Inches* broad *by* 6 *Inches* thick.

Then look in the Table for 6 betwixt the *parallel Lines*, and *over-againſt* 7 in the *left Hand* Column you'll find 6 : 2, which is 6 *Inches* and an *Half* the *true Square*.

EXAMPLE V.

If you have the End *of a Piece of Timber* 15 *Inches* $\frac{3}{4}$ Thick, *and* 19 *Inches* $\frac{3}{4}$ Broad:

Call it 16 by 19, whoſe *ſquare Side* in the Table is 17 : 2, or 17 *Inches* and *an Half*.

N. B.

N. B. *But if a* Quarter *of an Inch happens to* one Side only, *you may reject it without any material Loss. For the above Method will be sufficiently near in all Cases, provided you remember to take the* Quarter *from the* largest Side, *and add it to the* lesser Side. *If any one can entertain a Prejudice against this Table by reason the* Quarters *are omitted, let him take the following*

EXAMPLE VI.

Let there be a Piece of Timber so unequal-sided *as* 17 *Inches* $\frac{1}{4}$ Broad, *and but* 3 *Inches* $\frac{1}{4}$ Thick.

By the *above Rule* call it 3 $\frac{1}{2}$ by 17, the *Square Side* of which by the Table is 7 : 3, or 7 Inches $\frac{3}{4}$; take it likewise the *contrary Way*, and call it 3 by 17 $\frac{1}{2}$, and the *Square Side* by the Table is 7 : 1, or 7 Inches $\frac{1}{4}$; and therefore in this Case the Truth will be the *Mean* betwixt 7 : 3 and 7 : 1, which is 7 : 2, and that is the *exact square Side* of a Piece of Timber 17 Inches $\frac{1}{4}$ by 3 $\frac{1}{4}$. *For where the* Sides *are* so very different *one to the other, you should look for it* both ways, *and take the* Mean *betwixt the* Extreams.

N. B. *Tho' it is seldom or never like to happen* in Practice, *yet I will suppose you have occasion to find the* Square Side *of a Piece of Timber or Stone* too large *for the* Extent *of this Table.*

EX-

EXAMPLE VII.

You have a Piece of Timber 60 *Inches (or* 5 *Foot)* thick, *and* 96 *Inches (or* 8 *Foot)* broad, *and want to know the* square Side *of it.*

Take *Half* the *Thickness* (of 60) which is 30, and *Half* the *Breadth* (of 96) which is 48. Look in the Table for 30 betwixt the *parallel Lines*, and keeping your Eye down the *left Hand* Column till you come to 48, and *over-against* that in the 2d and 3d Row is 38 : 0, which 38 *Inches* is *one Half* of the *Square-Side* of the Piece, and that *doubled* makes 76 : 0, and is the *Square-Side* of the Piece required.

Vide Example VI. in Solid Measure, Page xxiii.

THE EXPLANATION AND USE OF THE TABLE OF *Solid* Measure.

I. THIS Table *begins* with 2 *Inches* the *Side* of the *Square*, and by the *Addition* of a *Quarter* of an Inch enlarges itself to the Extent of 54 *Inches* (or a *Yard and half*) the *Side* of the *Square*.

II. Every Page of this Table consists of *two* distinct *Parts*, divided from each other by a *double Line*: And at the *Top* of each of the said *Parts* is set down the

Side of the Square, or *one Fourth* of the *Circumference*, of the Piece of *Timber*, *Stone*, or other *Solid* intended to be meaſured.

III. The *firſt* Column to the *left Hand* ſhews the ſeveral *Lengths* in Feet, from 1 *Foot* to 50, and of ſuch a Piece of Timber whoſe *Side* of the *Square* or $\frac{1}{4}$ of the *Circumference* is ſet down at the *Top*.

IV. The *three* Rows of *Figures* in the *ſecond* Column marked at the *Top* with Ft. In. Pa. is the *ſolid* Content in *Feet*, *Inches*, and 12th *Parts of an Inch*, anſwering to *every Foot* in *Length* in the *left Hand* Column.

To meaſure ſquare *Timber*.

1. With a *two Foot*, or any other *Rule*; meaſure the *Length* of the Piece in *Feet*, and ſet it down in your *Memorandum* Book.

2. Then with your Rule, if your Timber be *equal-ſided*, take the *Square* in *Inches*, and *Quarters*, if there be any, and ſet that down likewiſe.

But note, *That if your Timber or Stone be* unequal-ſided, i. e. *if it be* broader *one way than the other, in this Caſe, you muſt firſt reduce it to a* Square *by the Table of* unequal-ſided *Timber*.

3. Ha-

3. Having set down the *Length* in *Feet*, and the *Square* in *Inches* and *Quarters*, as above directed, look at the *Top* of the Table of *solid Measure* for the *Side of the Square*; and having found that, keep your Eye down the *left Hand* Column till you find the *Length* of your Piece in *Feet*; and the *three* Rows of *Figures* which stand *over-against* the *Length* in Feet is the *solid Content* in *Feet*, *Inches*, and 12*th Parts* of an Inch.

EXAMPLE I.

You have a Piece of Timber 10 *Feet* long, *and the* Side of the Square *is* 7 *Inches*. *What is the* solid Content *of it?*

At the *Top* of the Table of *solid Measure* find 7 Inches, the *Side of the Square*, and keep your Eye down the *left Hand* Column till you come to 10 Feet (the *Length* of your Piece;) and *right against* that stands 3 : 4 : 10 (*viz.* 3 *Feet* 4 *Inches*, and 10 *Twelfth* Parts) which is the *solid Content* of the *Piece* required.

EXAMPLE II.

The Length *of a Piece of Timber is* 19 *Foot, and the* Side of

the Square 14 *Inches* $\frac{3}{4}$. *What is the* solid Content?

Having found 14 $\frac{3}{4}$ *the Side of the Square*, look for 19 *Foot* in the *left Hand* Column, and *over against it* stands 28 *Feet*, 8 *Inches* and 5 *Parts*; and that is the *solid Content* of a Piece 19 *Feet long*, and 14 Inches $\frac{3}{4}$ *square*.

EXAMPLE III.

The Length *of a Piece of Timber is* 40 *Feet*, *the* Side of it one way *is* 4 *Inches*, *and* 16 *Inches the* other way. *What is the* solid Content?

Note, *These* differing Sides *must be reduced to* a Square *by the Table of* unequal-sided *Timber*, as already taught, which *Square* appears by the said Table to be 8 Inches.

Having found 8 at the *Top* of the Table of *solid Measure*, look for 40 Feet (the *Length* of the Piece) in the *left Hand* Column, and *right against* that stands 17 *Feet*, 9 *Inches* and 4 *Twelfth* Parts.

N. B. Keay's *Rule and Tables makes the Content to be*

F.	Qu.	In.
27	3	48

which is 9 Feet $\frac{1}{2}$ *too much*, or 9 s. 6 d. in 27 s. *too much*.

E X-

EXAMPLE IV.

There's a Piece of Timber 40 *Feet* long, *but the* Sides unequal; one *Side is* 3 *Inches*, *and the* other *Side* 18 *Inches*. *What is the solid Content?*

Having reduced the *Sides*, *(by the Table of unequal-sided Timber)* to a *Square*, it appears to be 7 Inches 1 Quarter.

At the *Top* of the Table of *solid Measure* find 7 $\frac{1}{4}$ the *Side of the Square*, and *against* 40 Feet long in the *left Hand* Column stands the *Content*, *viz.* 14 Feet, 7 Inches and 2 Twelfth Parts.

Note, *Had this Example been resolved by* Keay's *Tables*, *and the* RULE *he lays down for the measuring* unequal-sided *Timber*; *the* Answer, *instead of being* 14 *Feet* 7 *Inches*, *would have been* 30 *Feet and an half*, which is 16 Feet too much.

☞ When a Piece of Timber to be measured happens to have any *odd Parts of a Foot* in the *Length*, as

EXAMPLE V.

Suppose a Piece of Timber to be 48 *Inches* square, *and* 22 *Feet* $\frac{1}{2}$ long. *What is the* solid Content?

Seek

Seek in the Table of *solid Measure* for 48 Inches, *the Side of the Square*, which at 1 Foot *long*

	F.	In.	Pa.
is	16	0	0
Half the Foot must be	8	0	0
22 Feet *long* is	352	0	0
The Content required is	360	0	0

N. B. *Except the* Timber *be* so large *as to carry a* Square *of* 30 *Inches, the* Half Foot *or* Quarters *are seldom regarded.*

Though it is seldom (or never) like to happen *in Practice*, yet we'll suppose you have occasion to measure a Piece of *Timber* or *Stone* whose *Side of the Square* is *above* 54 Inches (or *a Yard* and *half)* which is the *largest Square* in this Table.

EXAMPLE VI.

You have a Piece of Timber whose Side of the Square is 76 *Inches, and the* Length 37 *Feet. What is the* Content?

Since you cannot find 76 Inches the *Side of the Square* in the Table, take HALF *of it*, which is 38; find 38 the *Side of the Square*, and *over-against* 37 Feet the Length, is

371

371:0:4, which set down *Four* Times * and *added* together gives the *Content* of the *whole Piece* (of 76 Inches square and 37 Feet long) *viz.* 1484 Feet, 1 Inch, and 4 Twelfth Parts of an Inch.

F.	In.	P.
371	0	4
371	0	4
371	0	4
371	0	4
1484	1	4

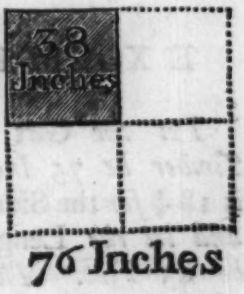
To Measure round *Timber.*

1. With a *Rule*, measure the *Length* of the Piece in *Feet*, and set it down in your *Memorandum* Book, as taught in the Case of *square Timber.*

2. With a *Packthread* or *Chalk-Line*, gird the Tree at any *convenient* Place, in a *Mean* between the *greater* and *lesser End*, and take the *fourth Part* of the *Girt in Inches*, and *Quarter-Inches*, and set that down likewise.

3. At

* Because that HALF is but one *Quarter* of the *End* of the Piece thus:



3. At the *Top* of the Table of *solid Measure* look for the *Side of the Square* equal to $\frac{1}{4}$ of *the Girt*, and keep your Eye down the *left Hand* Column till you find the *Length* of the Piece in *Feet*, and *over-against* it stands the *Content* of the *Piece* sought in *solid* Feet, Inches and *Twelfth Part* of an Inch.

EXAMPLE I.

Let the Circumference *of a Tree or Piece of* round *Timber (found by* girding *it) be* 36 Inches, one Quarter *of which is* 9 *Inches*, the Side of the Square, *and let the* Length *of the Piece be* 40 *Feet. What* Quantity *of Timber is in this Piece?*

Find 9 Inches, *the Side of the Square*, and *over-against* 40 Feet stands 22 *Feet* 6 *Inches*, which is the *Quantity* of Timber contained in a Piece which is 40 Feet *long*, and 36 Inches *round*.

EXAMPLE II.

Let the Girt *of a Piece of Timber be* 75 *Inches*, $\frac{1}{4}$ *thereof is* 18 $\frac{3}{4}$ *for* the Side of the Square, *and let the* Length *of the Piece be* 45 *Feet. How much* solid *Timber does this Piece contain?*

Find

Find 18 Inches $\frac{3}{4}$ the *Side of the Square*, and *over-against* 45 Feet, the *Length* of the Piece, stands the *solid Content*, viz. 109 Feet, 10 Inches, and 4 Twelfth Parts or $\frac{1}{3}$ of an Inch.

To measure tapering *Timber.*

Tapering Timber does not carry the *same* Square *from End to End* throughout the whole Piece; when you have found what *Square* the Tree will carry *throughout*, you proceed exactly as in the Case of *round Timber.*

To find at what *Square* the Tree ought to be taken *throughout*, should be very carefully observed; for if the *Sides* of the Tree be *strait* from *End* to *End*, then the *Square* may be taken in the *Middle*; or observe this

RULE.

Take *One Fourth* of the *Girt* at *each of the Ends*; *add* them together, and take *Half* of that *Sum* for the *Side of the Square*, which the Tree will carry *throughout.*

EXAMPLE III.

Suppose that at the largest End *of a Tree*, $\frac{1}{4}$ *of the* Girt *(or* Side

of the Square) *is* 50 *Inches*, *and at the* smaller End *but* 30 *Inches*, *and let the* Length *of the Tree be* 25 *Feet*. *What* Quantity *of* solid *Timber does that Tree contain?*

The *Side of the Square* at the *larger* End is	50 Inches
The *Side of the Square* at the *smaller* End is	30 Inches
Sum	80

Half the Sum is 40 Inches, and that is the *Side of the Square* which the Tree will carry *throughout*. Having *thus* obtained the *Side of the Square*, look at the *Top* of the Table of *solid Measure* for 40 Inches, and in the *left Hand* Column for 25 Feet (the *Length*) and *over against* it stands 277 Feet, 9 Inches, and 4 Twelfth Parts, or $\frac{1}{3}$ of an Inch, which is the *Quantity* of *solid* Timber the Tree contains.

But Note, If a Tree should be *Rounding* or *Bulging* out, (as is often the Case) so that towards the *Middle* it may be as large as at the *Bottom*, then it must be found in the Table and taken out at *twice*, viz. The *Length* that continues of one and the same Bigness, at *one* Operation, and the *Remainder*, as a *Tapering* Tree, at *an other* Operation; as in the *last* Example.

☞ If you have any *odd Parts of a Foot* in the *Length* of a Tree, you are to proceed as directed in the Case of *square Timber*, having *odd Parts* in the *Length*. See p. xxii.

☞ I you should ever have Occasion to measure a Tree whose *Side is more than* 54 Inches, you must proceed as directed in the Case of *square Timber*, when the Square is *more* than 54 Inches. See p. xxiii.

If there are any that expect I should here offer something *in Defence* of measuring *round* Timber by the *Girt*, I refer them to Mr. *Hatton*'s Vindication of that Practice, where they may find it *compared* with the *other* Methods, and *proved* to come *nearest the Truth*.

The foregoing Examples, with what has already been said, are sufficient to make the Business of measuring both *square* and *round* TIMBER, STONE, *&c.* easy to the very *meanest Capacity*. However (for *Practice sake*) I shall suppose the Learner was to measure 10 *Trees* or *Pieces* of Timber.

Let him set down their *Number* and *Dimensions* as in the following Columns, and then find their *Contents* as already taught, and set that down *against each Tree*, as under,

N° Trees.	Side square Inches.	Length Feet.	By this *New* Method. Feet	In.	Pa.	By Keay. F.	Qrs.	In.	By Darling. Feet, and 10000 Parts.
1	9	10	5	7	6	5	2	216	5.6250
2	10 ½	14	10	8	7	10	2	378	10.7187
3	15	11	17	2	3	17	0	324	17.1875
4	20 ½	16	46	8	4	46	2	336	46.6944
5	16	24	42	8	0	42	2	288	42.6666
6	16	23	40	10	8	40	3	240	40.8888
7	36	18	162	0	0	162	0	000	162.0000
8	26	28	131	5	4	131	1	336	131.4442
9	31	17	113	5	5	113	1	348	113.4513
10	35	30	255	2	6	255	0	360	255.2083
		Total	825	10	7	825	3	234	825.8848

Beside

Besides the *Contents* given by this *new* Method, I have likewise set down the *Contents* of *each* Tree as given by *Keay* and *Darling*, to shew that this Method is more *intelligible*, and *better suited* to *ordinary Capacities* than either of theirs. These *Parts* of an Inch are *easily* cast up, and *readily* understood; for here you have nothing more to do than *to carry* 1 to the *Inches* for every 12 in the *Parts*, and 1 to the *Feet* for every 12 in the *Inches:* Whereas by *Keay*'s Method you must carry 1 to the *Quarters* for every 432 in the *Inches*, and 1 to the *Feet* for every 4 in the *Quarters*; and by *Darling*'s Method you must carry 1 to the *Feet* for every 10000 in the *Parts*. Both which Numbers of 432 *Inches* and 10000 *Parts of a Foot* are very *difficult* to conceive, and consequently very *troublesome* and *perplexing* to every Man that is not versed in *Decimal Arithmetick* and *Mensuration*.

N. B. 50 *Solid* Feet of Timber make a *Load*. So that in this Example of *Ten* Trees there is 16 *Load* and an *Half*, 10 *Inches* and 7 *Twelfths* of an *Inch* of *Timber*.

THE EXPLANATION AND USE Of the following TABLE OF *Superficial* or *Flat* MEASURE.

1*st*. THIS Table *begins* with 1 Inch *broad*, and by the *Addition* of a *Quarter* of *an Inch* extends it self to 24 Inches the *Breadth*.

2*dly*. Each

2*dly*. *Each* Page of this Table is divided into *Four* distinct Parts, and each *Part* consists of *Two* Columns.

3*dly*. The *narrow* Column to the *left Hand* shews the several *Lengths in Feet* from 1 to 20; and

4*thly*. The *Three* Rows of Figures in the *larger* Column on the *right Hand*, marked at the *Top* Ft. In. Pa. are the several *Contents* in *square* Feet, Inches, and *Twelfth Parts* of an Inch, answering to every Foot in *Length* in the *left Hand* Column.

The Use of the TABLE.

EXAMPLE I.

If a Board *is* 5 *Inches* broad *and* 9 *Feet* long, *I desire to know how many* square *Feet are contained therein?*

Look at the *Top* of the Table till you find 5 Inches (the *Breadth*,) and then keep your Eye down the *left Hand* Column till you come to 9 Feet, (the *Length*) and *over-against* that stands 3 : 9 : 0 which signify 3 Feet 9 Inches, which is the *Content* required.

EX-

EXAMPLE II.

There's a Plank 17 *Feet* long *and* 21 *Inches* $\frac{1}{2}$ broad; *I demand how many* ſquare Feet *are contained in that* Plank?

At the *Top* of the Table find 21 $\frac{1}{2}$ Inches (the *Breadth*) and then look down the *left Hand* Column for 17 Feet (the *Length*) and right againſt it ſtands 30 : 5 : 6 which ſignifies 30 Feet 5 Inches and 6 Twelfth Parts or half *an Inch*, which is the *Content* required.

N. B. If you have a Plank *broader* at one *End* than the other (which is very common) you will certainly (by what has been obſerved before) either take it in the *Middle*, or taking *each End*, *add* them together, and take the *Half* for the *true* Breadth (provided *both* Edges be *ſtrait*) as you were forewarn'd in the Caſe of *Solid Meaſure*.

☞ When you happen to meet with any *Board*, *Plank*, *&c.* *broader* than 24 Inches, or *longer* than 20 Feet, you muſt obſerve,

EXAMPLE III.

In a Plank 19 *Feet* long *and* 27 *Inches* broad, *I demand how many* ſquare Feet *there are?*

☞ Now ſince your Table extends but to 24 Inches *broad*, the 27 Inches muſt be taken *at twice*, *viz.*

	F.	I.	Pa.
19 Feet *long* and 24 Inches *broad* is	38	0	0
19 Feet *long* and 3 Inches *broad* is	04	9	0
The *Content* required	42	9	0

So that a *Plank* 19 Feet *long* and 27 Inches *broad*, contains 42 Feet and 9 *superficial* Inches.

If you have a *Stock* or Parcel of *Boards* or *Planks* to measure which are all of *one Length*, but of *different Breadths*, you must set down the Contents of *each*, and add them together in the following Manner:

EXAMPLE IV.

16 *Feet is the* common *Length* and the *Breadth* of

No.		Inches.	Contents. F.	I.	P.
1	is	7	9	4	0
2		7 ½	10	0	0
3		8	10	8	0
4		8 ½	11	4	0
5		9	12	0	0
6		9 ½	12	8	0
7		10	13	4	0
8		10 ½	14	0	0
9		11	14	8	0
10		11 ½	15	4	0
11		12	16	0	0
The *square* or *superficial Content* of the said 11 Planks is			139	4	0

Which is 139 *Feet*, 4 *Inches*, the *Content* required.

THE

USE

OF THE

TABLE

OF

Superficial or *Flat*

MEASURE,

When applied to

Glaziers Work

Of all Kinds.

EXAMPLE I.

IN *a Window of* leaded *Glass which has* three *Lights in it*, each *Light being* 3 *Feet* long *and* 15 *Inches and* $\frac{3}{4}$ broad, *I desire to know how many Feet there is of Glazing?*

First add the *Length* of the *Three* Lights together, which make 9 *Feet*; then look in the Table for 15 *Inches* and $\frac{1}{4}$ the *Breadth*, and against 9 *Feet* (the *Length*) you will find 11 : 5 : 3 which is 11 *Feet*, 5 *Inches* and 3 *Twelfth Parts*, or a Quarter of an Inch, and that is the *Content* of the *Three* Lights required.

EXAMPLE II.

In Four *Windows (of* leaded Glass) each *Window having* two *Lights, and* each *Light being* 3 *Feet* 6 *Inches* long, *and* 17 *Inches* $\frac{3}{4}$ broad. *I demand how many Feet there is of Glazing?*

First the *Length* of all the 8 Lights must be *added* together, which make 28 *Feet*, then look in the Table for 17 *Inches* and $\frac{3}{4}$ the *Breadth*.

But since the Table does not extend to 28 *Feet the* Length, *you must take the Answer out* at twice, viz.

17 Inches and $\frac{3}{4}$ the *Breadth* and 20 Feet *long* is	29	07	0
17 Inches and $\frac{3}{4}$ the *Breadth* and 8 Feet *long* is	11	10	0
The *Content* required	41	05	0

So

So that 4 Windows, *each* having *two* Lights, and *each Light* being 3 Feet 6 Inches *long*, and 17 Inches and $\frac{3}{4}$ *wide*, contain 41 Feet and 5 Inches of Glazing.

To measure Sash-Squares *this Table is also very useful.*

EXAMPLE III.

In a Sash-*Window that has* 12 *Squares of Glass* (i. e. *is* 4 *high and* 3 broad) each *Square being* 10 *Inches* high *and* 8 *Inches and* $\frac{1}{4}$ broad. *I would know how many* Feet *of Glass it contains?*

First *add* together the *Height* of the 12 *Squares*, which make 10 *Feet*; then look in the Table for 8 *Inches* and $\frac{1}{4}$ the *Breadth*, and against 10 *Feet* (the *Length*) is 6 *Feet* 10 *Inches*, and 6 *Parts*, or *Half* an Inch, which is the Quantity of Glass in the said *Sash*-Window.

EXAMPLE IV.

In a Sash-Window *having* 18 *Squares*, each *Square being* 16 *Inches* high, *and* 11 $\frac{3}{4}$ *Inches* broad. *I would know how many* Feet *of Glass are therein?*

First

First *add* together the *Height* of the 18 Squares, which is (288 Inches or) 24 Feet; then look in the Table for 11 Inches and $\frac{3}{4}$ the *Breadth*.

But since the Table does not extend to 24 *Feet the* Length, *you must take the Answer out* at twice, viz.

11 Inches and $\frac{3}{4}$ the *Breadth* and 20 Feet *long* is	19	07	0
11 Inches and $\frac{3}{4}$ the *Breadth* and 4 Feet *long* is	03	11	0
The *Content* required	23	06	0

So that a *Sash*-Window that has 18 Squares, *each* Square being 16 Inches *high*, and 11 Inches and $\frac{3}{4}$ *wide*, contain exactly 23 *Feet* and an *Half* of Glass.

☞ *Observe* that for the Generality *Sash* Windows have either 12, or 18 *Squares each*; and in such a Case the *Quantities* are more *easily* and *expeditiously* found by the *following Method*.

When a Window hath 12 Squares, *the* Inches *in* Height *are to be* conceived *so many* Feet *in* Length, *as will more plainly appear by* reconsidering *the foregoing* EXAMPLE III. *where the* 12 Squares *were each of them* 10 *Inches* high, *and consequently, when* added *together, made* 10 Feet *in* Length; *so that by this Method of* conceiving *the* Inches *in* Height *to be* Feet, *the Trouble and*

and Time in adding *the* 12 *together is hereby saved, and the Question more easily answered.*

Again; *When a Window hath* 18 Squares *in it, if you* conceive *the* Height in Inches *to be* Feet, *and take the* Content *as given by the* Table, *and the* Half *of that* Content, *and* these *added together, will be the* Quantity; *and* this Method *will be very serviceable (if rightly understood;) for by this Means you will rarely exceed the* Extent *of the* Table, *(few* Squares *being more than* 20 Inches *high, the Bounds of the* Table *in* Feet) as for Instance;

In EXAMPLE IV. where the *Height* of each *Square* was 16 *Inches*, and 11 *Inches* and $\frac{3}{4}$ *broad*, look in the Table for 11 Inches and $\frac{3}{4}$, and against 16 *Feet* long (i. e. *Inches* high) is 15 Feet 8 Inches, *Half* of which is 7 Feet 10 Inches, and these being *added* together make 23 *Feet* 6 *Inches*, which was the *Content* as given before.

Many more *Examples* might be added to illustrate this RULE, but a little Application and Practice will make it very easy and familiar.

A

TABLE

OF THE

CONTENTS.

THE

CONTENTS

OF

The PREFACE.

THE

THE

CONTENTS of the Use, &c. of the TABLE of the *Square* of *unequal-sided* Timber, Stone, *&c.*

N. B. This Table begins at Page 2, and ends at Page 23.

THE

CONTENTS

Of the USE, &c. of the

TABLE

OF

Solid Measure.

N. B. This Table *begins* at Page 26 and *ends* at Page 130.

Round Timber, Stone, *&c.*

THE

THE

CONTENTS of the USE, &c. of the TABLE of *Flat* Measure.

N. B. This Table *begins* at Page 132, and *ends* at Page 155.

THE

THE CONTENTS OF THE *APPENDIX.*

Of the Prices *of Joyner's Tools, &c.*

BOLTS.

HIN-

HINGES.

IRON WORK done by the *Pound-Weight.*

LATCHES.

LOCKS.

A NEW

A NEW TABLE

For the *speedy* Finding the

SQUARE

Of *Unequal-Sided*

TIMBER, STONE, &c.

Ready cast up;

Whereby the true *Square* of any Piece of *Timber*, *Stone*, *&c.* being broader *one way* than *the other*, may be found, from 2 to 54 *Inches* the *broadest* Side.

And therefore, by *Addition* only, may serve to any *greater Breadth*, if there should ever be Occasion.

2 Inch Sqr.

2	2	1
3	2	2
2	2	3
4	2	3
2	3	0
5	3	1
2	3	2
6	3	2
2	3	3
7	3	3
2	3	3
8	4	0
2	4	0
9	4	1
2	4	1
10	4	2
2	4	2
11	4	3
2	4	3
12	5	0
2	5	0
13	5	1
2	5	1
14	5	1
2	5	2
15	5	2
2	5	2
16	5	3
2	5	3
17	5	3
2	6	0
18	6	0

2 ½ Sqr.

3	2	3
2	3	0
4	3	1
2	3	2
5	3	2
2	3	3
6	3	3
2	4	0
7	4	1
2	4	1
8	4	2
2	4	2
9	4	3
2	4	3
10	5	0
2	5	0
11	5	1
2	5	1
12	5	2
2	5	2
13	5	3
2	5	3
14	6	0
2	6	0
15	6	1
2	6	1
16	6	1
2	6	2
17	6	2
2	6	2
18	6	3

3 Inch Sqr.

2	3	1
4	3	2
2	3	3
5	3	3
2	4	0
6	4	1
2	4	1
7	4	2
2	4	3
8	4	3
2	5	0
9	5	1
2	5	1
10	5	2
2	5	2
11	5	3
2	6	0
12	6	0
2	6	1
13	6	1
2	6	1
14	6	2
2	6	2
15	6	3
2	6	3
16	7	0
2	7	0
17	7	1
2	7	1
18	7	1

3 ½ Sqr.

4	3	3
2	3	3
5	4	0
2	4	1
6	4	2
2	4	3
7	5	0
2	5	0
8	5	1
2	5	2
9	5	2
2	5	3
10	6	0
2	6	0
11	6	1
2	6	1
12	6	2
2	6	2
13	6	3
2	7	0
14	7	0
2	7	0
15	7	1
2	7	1
16	7	2
2	7	2
17	7	3
2	7	3
18	8	0

4 Inch Sqr.

2	4	1
5	4	2
2	4	3
6	5	0
2	5	0
7	5	1
2	5	2
8	5	2
2	5	3
9	6	0
2	6	1
10	6	1
2	6	2
11	6	3
2	6	3
12	7	0
2	7	0
13	7	1
2	7	1
14	7	2
2	7	2
15	7	3

2	7	3
16	8	0
2	8	1
17	8	1
2	8	1
18	8	2

4½ Square.

5	4	3
2	5	0
6	5	1
2	5	2
7	5	2
2	5	3
8	6	0
2	6	1
9	6	1
2	6	2
10	6	3
2	6	3
11	7	0
2	7	1
12	7	1
2	7	2
13	7	3
2	7	3
14	8	0
2	8	0
15	8	1
2	8	1
16	8	2
2	8	2
17	8	3
2	8	3
18	9	0

5 Inch Sqr.

2	5	1
6	5	2
2	5	3
7	6	0
2	6	0
8	6	1
2	6	2
9	6	3
2	6	3
10	7	0
2	7	1
11	7	2
2	7	2
12	7	3
2	8	0
13	8	0
2	8	1
14	8	1
2	8	2
15	8	3
2	8	3
16	9	0
2	9	1
17	9	1
2	9	1
18	9	2

5½ Square.

6	5	3
2	6	0
7	6	1
2	6	2
8	6	3
2	6	3
9	7	0
2	7	1
10	7	2
2	7	2
11	7	3
2	8	0
12	8	0
2	8	1
13	8	2
2	8	2
14	8	3
2	9	0
15	9	0
2	9	1
16	9	2
2	9	2
17	9	3
2	9	3
18	10	0

6 Inch Sqr.

2	6	1
7	6	2
2	6	3
8	7	0
2	7	1
9	7	1
2	7	2
10	7	3
2	8	0
11	8	0
2	8	1
12	8	2
2	8	3
13	8	3
2	9	0
14	9	1
2	9	1
15	9	2
2	9	3
16	9	3
2	10	0
17	10	0
2	10	1
18	10	2

6½ Square.

7	6	3
2	7	0
8	7	1
2	7	2
9	7	3
2	7	3
10	8	0
2	8	1
11	8	2
2	8	3
12	8	3
2	9	0
13	9	1
2	9	1
14	9	2
2	9	3
15	10	0
2	10	0
16	10	1
2	10	1
17	10	2
2	10	3
18	10	3

7 Inch Sqr.

2	7	1
8	7	2
2	7	3
9	8	0
2	8	1
10	8	1
2	8	2
11	8	3
2	9	0

12	9	1
2	9	1
13	9	2
2	9	3
14	10	0
2	10	0
15	10	1
2	10	2
16	10	2
2	10	3
17	11	0
2	11	0
18	11	1

7 ½ Square.

8	7	3
2	8	0
9	8	1
2	8	2
10	8	3
2	8	3
11	9	0
2	9	1
12	9	2
2	9	3
13	9	3
2	10	0
14	10	1
2	10	2
15	10	2
2	10	3
16	11	0
2	11	0
17	11	1
2	11	2
18	11	2

8 Inch Sqr.

2	8	1
9	8	2
2	8	3
10	9	0
2	9	1
11	9	2
2	9	2
12	9	3
2	10	0
13	10	1
2	10	2
14	10	2
2	10	3
15	11	0
2	11	1
16	11	1
2	11	2
17	11	3
2	11	3
18	12	0

8 ½ Square.

9	8	3
2	9	0
10	9	1
2	9	2
11	9	3
2	10	0
12	10	0
2	10	1
13	10	2
2	10	3
14	11	0
2	11	0
15	11	1
2	11	2
16	11	3
2	11	3
17	12	0
2	12	1
18	12	1

9 Inch Sqr.

2	9	1
10	9	2
2	9	3
11	10	0
2	10	1
12	10	2
2	10	2
13	10	3
2	11	0
14	11	1
2	11	2
15	11	2
2	11	3
16	12	0
2	12	1
17	12	1
2	12	2
18	12	3

9 ½ Square.

10	9	3
2	10	0
11	10	1
2	10	2
12	10	3
2	11	0
13	11	0
2	11	1
14	11	2
2	11	3
15	12	0
2	12	1
16	12	1
2	12	2
17	12	3
2	13	0
18	13	0
2	13	1
19	13	2

10 In. Sqr.

2	10	1
11	10	2
2	10	3
12	11	0
2	11	1
13	11	2
2	11	2
14	11	3
2	12	0
15	12	1
2	12	2
16	12	3
2	12	3
17	13	0
2	13	1
18	13	2
2	13	2
19	13	3
2	14	0
20	14	1

10 ½ Sqr.

11	10	3
2	11	0
12	11	1
2	11	2
13	11	3
2	12	0
14	12	0
2	12	1
15	12	2

2	12	3
16	13	0
2	13	1
17	13	1
2	13	2
18	13	3
2	14	0
19	14	0
2	14	1
20	14	2
2	14	3
21	14	3

11 In. Sqr.

2	11	1
12	11	2
2	11	3
13	12	0
2	12	1
14	12	2
2	12	3
15	12	3
2	13	0
16	13	1
2	13	2
17	13	3
2	13	3
18	14	0
2	14	1
19	14	2
2	14	3
20	14	3
2	15	0
21	15	1
2	15	1
22	15	2

11 ½ Sqr.

12	11	3
2	12	0
13	12	0
2	12	1
14	12	2
2	12	3
15	13	0
2	13	1
16	13	2
2	13	3
17	14	0
2	14	1
18	14	2

2	14	2
19	14	3
2	15	0
20	15	1
2	15	1
21	15	2
2	15	3
22	16	0
2	16	0
23	16	1

12 In. Sqr.

2	12	1
13	12	2
2	12	3
14	13	0
2	13	1
15	13	2
2	13	3
16	13	3
2	14	0
17	14	1
2	14	2
18	14	3
2	15	0
19	15	0
2	15	1
20	15	2
2	15	3
21	15	3
2	16	0
22	16	1
2	16	2
23	16	3
2	16	3
24	17	0

12 ½ Sqr.

13	12	3
2	13	0
14	13	1
2	13	2
15	13	3
2	14	0
16	14	1
2	14	1
17	14	2
2	14	3
18	15	0
2	15	0
19	15	1

2	15	2
20	15	3
2	16	0
21	16	1
2	16	2
22	16	2
2	16	3
23	17	0
2	17	1
24	17	1
2	17	2
25	17	3

13 In. Sqr.

2	13	1
14	13	2
2	13	3
15	14	0
2	14	1
16	14	2
2	14	3
17	14	3
2	15	0
18	15	1
2	15	2
19	15	2
2	15	3
20	16	0
2	16	1
21	16	2
2	16	3
22	17	0
2	17	0
23	17	1
2	17	2
24	17	3
2	17	3
25	18	0
2	18	1
26	18	2

13 ½ Sqr.

14	13	3
2	14	0
15	14	1
2	14	2
16	14	3
2	15	0
17	15	1
2	15	1
18	15	2

2	15	3
19	16	0
2	16	1
20	16	2
2	16	3
21	16	3
2	17	0
22	17	1
2	17	2
23	17	2
2	17	3
24	18	0
2	18	1
25	18	1
2	18	2
26	18	3
2	19	0
27	19	0

14 In. Sq.

2	14	1
15	14	2
2	14	3
16	15	0
2	15	1
17	15	2
2	15	3
18	16	0
2	16	1
19	16	2
2	16	3
20	16	3
2	17	0
21	17	1
2	17	1
22	17	2
2	17	3
23	18	0
2	18	1
24	18	1
2	18	2
25	18	3
2	19	0
26	19	0
2	19	1
27	19	2
2	19	2
28	19	3

14 ½ Sqr.

15	14	3
2	15	0
16	15	1
2	15	2
17	15	3
2	16	0
18	16	1
2	16	2
19	16	2
2	16	3
20	17	0
2	17	1
21	17	2
2	17	3
22	17	3
2	18	0
23	18	1
2	18	2
24	18	3
2	18	3
25	19	0
2	19	1
26	19	2
2	19	2
27	19	3
2	20	0
28	20	1
2	20	1
29	20	2

15 In. Sqr.

2	15	1
16	15	2
2	15	3
17	16	0
2	16	1
18	16	2
2	16	3
19	17	0
2	17	0
20	17	1
2	17	2
21	17	3
2	18	0
22	18	1
2	18	1
23	18	2
2	18	3
24	19	0
2	19	1
25	19	1
2	19	2
26	19	3
2	20	0
27	20	1
2	20	1
28	20	2
2	20	3
29	20	3
2	21	0
30	21	1

15 ½ Sqr.

16	15	3
2	16	0
17	16	1
2	16	2
18	16	3
2	17	0
19	17	1
2	17	2
20	17	2
2	17	3
21	18	0
2	18	1
22	18	2
2	18	3
23	18	3
2	19	0
24	19	1
2	19	2
25	19	3
2	19	3
26	20	0
2	20	1
27	20	2
2	20	3
28	20	3
2	21	0
29	21	1
2	21	2
30	21	3
2	21	3
31	22	0

16 In. Sqr.

2	16	1
17	16	2
2	16	3
18	17	0
2	17	1
19	17	2

2	17	3
20	18	0
2	18	0
21	18	1
2	18	2
22	18	3
2	19	0
23	19	1
2	19	2
24	19	2
2	19	3
25	20	0
2	20	1
26	20	2
2	20	2
27	20	3
2	21	0
28	21	1
2	21	1
29	21	2
2	21	3
30	22	0
2	22	0
31	22	1
2	22	2
32	22	3

16 ½ Sqr.

17	16	3
2	17	0
18	17	1
2	17	2
19	17	3
2	18	0
20	18	1
2	18	2
21	18	2
2	18	3
22	19	0
2	19	1
23	19	2
2	19	3
24	20	0
2	20	0
25	20	1
2	20	2
26	20	3
2	20	3
27	21	0
2	21	1
28	21	2

2	21	3
29	21	3
2	22	0
30	22	1
2	22	2
31	22	2
2	22	3
32	23	0
2	23	1
33	23	1

17 In. Sqr.

2	17	1
18	17	2
2	17	3
19	18	0
2	18	1
20	18	2
2	18	3
21	19	0
2	19	0
22	19	1
2	19	2
23	19	3
2	20	0
24	20	1
2	20	2
25	20	2
2	20	3
26	21	0
2	21	1
27	21	2
2	21	2
28	21	3
2	22	0
29	22	1
2	22	2
30	22	2
2	22	3
31	23	0
2	23	1
32	23	1
2	23	2
33	23	3
2	23	3
34	24	0

17 ½ Sqr.

18	17	3
2	18	0
19	18	1

2	18	2
20	18	3
2	19	0
21	19	1
2	19	2
22	19	2
2	19	3
23	20	0
2	20	1
24	20	2
2	20	3
25	21	0
2	21	0
26	21	1
2	21	2
27	21	3
2	22	0
28	22	1
2	22	1
29	22	2
2	22	3
30	23	0
2	23	0
31	23	1
2	23	2
32	23	3
2	23	3
33	24	0
2	24	1
34	24	2
2	24	2
35	24	3

18 In. Sqr.

2	18	1
19	18	2
2	18	3
20	19	0
2	19	1
21	19	2
2	19	3
22	20	0
2	20	1
23	20	1
2	20	2
24	20	3
2	21	0
25	21	1
2	21	2
26	21	2
2	21	3

27	22	0
2	22	1
28	22	2
2	22	3
29	22	3
2	23	0
30	23	1
2	23	2
31	23	2
2	23	3
32	24	0
2	24	1
33	24	1
2	24	2
34	24	3
2	25	0
35	25	1
2	25	2
36	25	3

18 ½ Sqr.

19	18	3
2	19	0
20	19	1
2	19	2
21	19	3
2	20	0
22	20	1
2	20	2
23	20	3
2	20	3
24	21	0
2	21	1
25	21	2
2	21	3
26	22	0
2	22	1
27	22	1
2	22	2
28	22	3
2	23	0
29	23	1
2	23	1
30	23	2
2	23	3
31	24	0
2	24	1
32	24	1
2	24	2
33	24	3
2	25	0
34	25	0
2	25	1
35	25	2
2	25	3
36	25	3
2	26	0
37	26	1

19 In. Sqr.

2	19	1
20	19	2
2	19	3
21	20	0
2	20	1
22	20	2
2	20	3
23	21	0
2	21	1
24	21	1
2	21	2
25	21	3
2	22	0
26	22	1
2	22	2
27	22	3
2	22	3
28	23	0
2	23	1
29	23	2
2	23	3
30	23	3
2	24	0
31	24	1
2	24	2
32	24	3
2	24	3
33	25	0
2	25	1
34	25	2
2	25	2
35	25	3
2	26	0
36	26	1
2	26	1
37	26	2
2	26	3
38	26	3

19 ½ Sqr.

20	19	3
2	20	0
21	20	1
2	20	2
22	20	3
2	21	0
23	21	1
2	21	2
24	21	3
2	21	3
25	22	0
2	22	1
26	22	2
2	22	3
27	23	0
2	23	1
28	23	1
2	23	2
29	23	3
2	24	0
30	24	1
2	24	2
31	24	2
2	24	3
32	25	0
2	25	1
33	25	1
2	25	2
34	25	3
2	26	0
35	26	0
2	26	1
36	26	2
2	26	3
37	26	3
2	27	0
38	27	1
2	27	2
39	27	2

20 In. Sqr.

2	20	1
21	20	2
2	20	3
22	21	0
2	21	1
23	21	2
2	21	3
24	22	0
2	22	1
25	22	1
2	22	2
26	22	3

2	23	0
27	23	1
2	23	2
28	23	3
2	23	3
29	24	0
2	24	1
30	24	2
2	24	3
31	25	0
2	25	0
32	25	1
2	25	2
33	25	3
2	26	0
34	26	0
2	26	1
35	26	2
2	26	3
36	26	3
2	27	0
37	27	1
2	27	2
38	27	2
2	27	3
39	28	0
2	28	0
40	28	1

20 $\frac{1}{2}$ Sqr.

21	20	3
2	21	0
22	21	1
2	21	2
23	21	3
2	22	0
24	22	1
2	22	2
25	22	3
2	22	3
26	23	0
2	23	1
27	23	2
2	23	3
28	24	0
2	24	1
29	24	1
2	24	2
30	24	3
2	25	0
31	25	1

2	25	2
32	25	2
2	25	3
33	26	0
2	26	1
34	26	2
2	26	2
35	26	3
2	27	0
36	27	1
2	27	1
37	27	2
2	27	3
38	28	0
2	28	1
39	28	2
2	28	3
40	28	3
2	29	0
41	29	1

21 In. Sqr.

2	21	1
22	21	2
2	21	3
23	22	0
2	22	1
24	22	2
2	22	3
25	23	0
2	23	1
26	23	1
2	23	2
27	23	3
2	24	0
28	24	1
2	24	2
29	24	3
2	25	0
30	25	0
2	25	1
31	25	2
2	25	3
32	26	0
2	26	0
33	26	1
2	26	2
34	26	3
2	27	0
35	27	0
2	27	1

36	27	2
2	27	3
37	27	3
2	28	0
38	28	1
2	28	2
39	28	2
2	28	3
40	29	0
2	29	1
41	29	1
2	29	2
42	29	3

21 $\frac{1}{2}$ Sqr.

22	21	3
2	22	0
23	22	1
2	22	2
24	22	3
2	23	0
25	23	1
2	23	2
26	23	3
2	23	3
27	24	0
2	24	1
28	24	2
2	24	3
29	25	0
2	25	1
30	25	2
2	25	2
31	25	3
2	26	0
32	26	1
2	26	2
33	26	3
2	26	3
34	27	0
2	27	1
35	27	2
2	27	3
36	27	3
2	28	0
37	28	1
2	28	2
38	28	2
2	28	3
39	29	0
2	29	1

40	29	1
2	29	2
41	29	3
2	29	3
42	30	0
2	30	1
43	30	2

22 In. Sqr.

2	22	1
23	22	2
2	22	3
24	23	0
2	23	1
25	23	2
2	23	3
26	24	0
2	24	1
27	24	1
2	24	2
28	24	3
2	25	0
29	25	1
2	25	2
30	25	3
2	26	0
31	26	0
2	26	1
32	26	2
2	26	3
33	27	0
2	27	1
34	27	1
2	27	2
35	27	3
2	28	0
36	28	1
2	28	1
37	28	2
2	28	3
38	29	0
2	29	0
39	29	1
2	29	2
40	29	3
2	29	3
41	30	0
2	30	1
42	30	2
2	30	2
43	30	3

2	31	0
44	31	0

22 ½ Sqr.

23	22	3
2	23	0
24	23	1
2	23	2
25	23	3
2	24	0
26	24	1
2	24	2
27	24	3
2	24	3
28	25	0
2	25	1
29	25	2
2	25	3
30	26	0
2	26	1
31	26	2
2	26	2
32	26	3
2	27	0
33	27	1
2	27	2
34	27	3
2	27	3
35	28	0
2	28	1
36	28	2
2	28	3
37	28	3
2	29	0
38	29	1
2	29	2
39	29	2
2	29	3
40	30	0
2	30	1
41	30	1
2	30	2
42	30	3
2	31	0
43	31	0
2	31	1
44	31	2
2	31	3
45	31	3

23 In. Sqr.

2	23	1
24	23	2
2	23	3
25	24	0
2	24	1
26	24	2
2	24	3
27	25	0
2	25	1
28	25	2
2	25	2
29	25	3
2	26	0
30	26	1
2	26	2
31	26	3
2	27	0
32	27	1
2	27	1
33	27	2
2	27	3
34	28	0
2	28	1
35	28	1
2	28	2
36	28	3
2	29	0
37	29	1
2	29	1
38	29	2
2	29	3
39	30	0
2	30	1
40	30	2
2	30	3
41	31	0
2	31	0
42	31	1
2	31	2
43	31	2
2	31	3
44	32	0
2	32	1
45	32	1
2	32	2
46	32	3

23 ½ Sqr.

24	23	3
2	24	0
25	24	1

2	24	2
26	24	3
2	25	0
27	25	1
2	25	2
28	25	3
2	25	3
29	26	0
2	26	1
30	26	2
2	26	3
31	27	0
2	27	1
32	27	2
2	27	3
33	27	3
2	28	0
34	28	1
2	28	2
35	28	3
2	29	0
36	29	0
2	29	1
37	29	2
2	29	3
38	29	3
2	30	0
39	30	1
2	30	2
40	30	3
2	30	3
41	31	0
2	31	1
42	31	2
2	31	2
43	31	3
2	32	0
44	32	1
2	32	1
45	32	2
2	32	3
46	33	0
2	33	0
47	33	1

24 In. Sqr.		
2	24	1
25	24	2
2	24	3
26	25	0
2	25	1

27	25	2
2	25	3
28	26	0
2	26	1
29	26	2
2	26	2
30	26	3
2	27	0
31	27	1
2	27	2
32	27	3
2	28	0
33	28	1
2	28	1
34	28	2
2	28	3
35	29	0
2	29	1
36	29	2
2	29	2
37	29	3
2	30	0
38	30	1
2	30	2
39	30	2
2	30	3
40	31	0
2	31	1
41	31	1
2	31	2
42	31	3
2	32	0
43	32	0
2	32	1
44	32	2
2	32	3
45	33	0
2	33	0
46	33	1
2	33	2
47	33	2
2	33	3
48	34	0

24 ½ Sqr.		
25	24	3
2	25	0
26	25	1
2	25	2
27	25	3
2	26	0

28	26	1
2	26	2
29	26	3
2	27	0
30	27	0
2	27	1
31	27	2
2	27	3
32	28	0
2	28	1
33	28	2
2	28	3
34	28	3
2	29	0
35	29	1
2	29	2
36	29	3
2	30	0
37	30	0
2	30	1
38	30	2
2	30	3
39	31	0
2	31	0
40	31	1
2	31	2
41	31	3
2	31	3
42	32	0
2	32	1
43	32	2
2	32	3
44	32	3
2	33	0
45	33	1
2	33	2
46	33	2
2	33	3
47	34	0
2	34	0
48	34	1
2	34	2
49	34	3

25 In. Sqr.		
2	25	1
26	25	2
2	25	3
27	26	0
2	26	1
28	26	2

2	26	3
29	27	0
2	27	1
30	27	1
2	27	2
31	27	3
2	28	0
32	28	1
2	28	2
33	28	3
2	29	0
34	29	1
2	29	1
35	29	2
2	29	3
36	30	0
2	30	1
37	30	2
2	30	2
38	30	3
2	31	0
39	31	1
2	31	2
40	31	2
2	31	3
41	32	0
2	32	1
42	32	2
2	32	2
43	32	3
2	33	0
44	33	1
2	33	1
45	33	2
2	33	3
46	34	0
2	34	0
47	34	1
2	34	2
48	34	3
2	34	3
49	35	0
2	35	1
50	35	1

25 ½ Sqr.

26	25	3
2	26	0
27	26	1
2	26	2
28	26	3

2	27	0
29	27	1
2	27	2
30	27	3
2	27	3
31	28	0
2	28	1
32	28	2
2	28	2
33	29	0
2	29	1
34	29	2
2	29	3
35	29	3
2	30	0
36	30	1
2	30	2
37	30	3
2	31	0
38	31	1
2	31	1
39	31	2
2	31	3
40	32	0
2	32	0
41	32	1
2	32	2
42	32	3
2	33	0
43	33	0
2	33	1
44	33	2
2	33	3
45	33	3
2	34	0
46	34	1
2	34	2
47	34	2
2	34	3
48	35	0
2	35	1
49	35	1
2	35	2
50	35	3
2	35	3
51	36	0

26 In. Sqr.

2	26	1
27	26	2
2	26	3

28	27	0
2	27	1
29	27	2
2	27	3
30	28	0
2	28	1
31	28	2
2	28	2
32	28	3
2	29	0
33	29	1
2	29	2
34	29	3
2	30	0
35	30	1
2	30	2
36	30	2
2	30	3
37	31	0
2	31	1
38	31	2
2	31	3
39	31	3
2	32	0
40	32	1
2	32	2
41	32	3
2	32	3
42	33	0
2	33	1
43	33	2
2	33	3
44	33	3
2	34	0
45	34	1
2	34	2
46	34	2
2	34	3
47	35	0
2	35	1
48	35	1
2	35	2
49	35	3
2	35	3
50	36	0
2	36	1
51	36	2
2	36	2
52	36	3

26 ½ Sqr.

27	26	3
2	27	0
28	27	1
2	27	2
29	27	3
2	28	0
30	28	1
2	28	2
31	28	3
2	28	3
32	29	0
2	29	1
33	29	2
2	29	3
34	30	0
2	30	1
35	30	2
2	30	3
36	31	0
2	31	0
37	31	1
2	31	2
38	31	3
2	32	0
39	32	1
2	32	1
40	32	2
2	32	3
41	33	0
2	33	1
42	33	1
2	33	2
43	33	3
2	34	0
44	34	1
2	34	1
45	34	2
2	34	3
46	35	0
2	35	0
47	35	1
2	35	2
48	35	3
2	35	3
49	36	0
2	36	1
50	36	2
2	36	2
51	36	3
2	37	0
52	37	0

2	37	1
53	37	2

27 In. Sqr.

2	27	1
28	27	2
2	27	3
29	28	0
2	28	1
30	28	2
2	28	3
31	29	0
2	29	1
32	29	2
2	29	2
33	29	3
2	30	0
34	30	1
2	30	2
35	30	3
2	31	0
36	31	1
2	31	2
37	31	2
2	31	3
38	32	0
2	32	1
39	32	2
2	32	3
40	32	3
2	33	0
41	33	1
2	33	2
42	33	3
2	33	3
43	34	0
2	34	1
44	34	2
2	34	3
45	34	3
2	35	0
46	35	1
2	35	2
47	35	2
2	35	3
48	36	0
2	36	1
49	36	2
2	36	2
50	36	3
2	37	0

51	37	0
2	37	1
52	37	2
2	37	3
53	37	3
2	38	0
54	38	1

27 ½ Sqr.

28	27	3
2	28	0
29	28	1
2	28	2
30	28	3
2	29	0
31	29	1
2	29	2
32	29	3
2	29	3
33	30	0
2	30	1
34	30	2
2	30	3
35	31	0
2	31	1
36	31	2
2	31	3
37	32	0
2	32	0
38	32	1
2	32	2
39	32	3
2	33	0
40	33	1
2	33	1
41	33	2
2	33	3
42	34	0
2	34	1
43	34	2
2	34	2
44	34	3
2	35	0
45	35	1
2	35	1
46	35	2
2	35	3
47	36	0
2	36	1
48	36	1
2	36	2

49	36	3
2	37	0
50	37	0
2	37	1
51	37	2
2	37	3
52	37	3
2	38	0
53	38	1
2	38	1
54	38	2

28 In. Sqr.

2	28	1
29	28	2
2	28	3
30	29	0
2	29	1
31	29	2
2	29	3
32	30	0
2	30	1
33	30	2
2	30	3
34	30	3
2	31	0
35	31	1
2	31	2
36	31	3
2	32	0
37	32	1
2	32	2
38	32	2
2	32	3
39	33	0
2	33	1
40	33	2
2	33	3
41	34	0
2	34	0
42	34	1
2	34	2
43	34	3
2	35	0
44	35	0
2	35	1
45	35	2
2	35	3
46	36	0
2	36	0
47	36	1

2	36	2
48	36	3
2	36	3
49	37	0
2	37	1
50	37	2
2	37	2
51	37	3
2	38	0
52	38	1
2	38	1
53	38	2
2	38	3
54	39	0

28 ½ Sqr.

29	28	3
2	29	0
30	29	1
2	29	2
31	29	3
2	30	0
32	30	1
2	30	2
33	30	3
2	31	0
34	31	1
2	31	1
35	31	2
2	31	3
36	32	0
2	32	1
37	32	2
2	32	3
38	33	0
2	33	0
39	33	1
2	33	2
40	33	3
2	34	0
41	34	1
2	34	2
42	34	2
2	34	3
43	35	0
2	35	1
44	35	2
2	35	2
45	35	3
2	36	0
46	36	1

2	36	2
47	36	2
2	36	3
48	37	0
2	37	1
49	37	1
2	37	2
50	37	3
2	38	0
51	38	0
2	38	1
52	38	2
2	38	3
53	38	3
2	39	0
54	39	1

29 In. Sqr.

2	29	1
30	29	2
2	29	3
31	30	0
2	30	1
32	30	2
2	30	3
33	31	0
2	31	1
34	31	2
2	31	3
35	31	3
2	32	0
36	32	1
2	32	2
37	32	3
2	33	0
38	33	1
2	33	2
39	33	3
2	33	3
40	34	0
2	34	1
41	34	2
2	34	3
42	35	0
2	35	0
43	35	1
2	35	2
44	35	3
2	36	0
45	36	0
2	36	1

46	36	2
2	36	3
47	37	0
2	37	0
48	37	1
2	37	2
49	37	3
2	38	0
50	38	0
2	38	1
51	38	2
2	38	3
52	38	3
2	39	0
53	39	1
2	39	2
54	39	2

29 ½ Sqr.

30	29	3
2	30	0
31	30	1
2	30	2
32	30	3
2	31	0
33	31	1
2	31	2
34	31	3
2	32	0
35	32	0
2	32	1
36	32	2
2	32	3
37	33	0
2	33	1
38	33	2
2	33	3
39	34	0
2	34	1
40	34	1
2	34	2
41	34	3
2	35	0
42	35	1
2	35	2
43	35	2
2	35	3
44	36	0
2	36	1
45	36	2
2	36	3

46	36	3
2	37	0
47	37	1
2	37	2
48	37	3
2	37	3
49	38	0
2	38	1
50	38	2
2	38	2
51	38	3
2	39	0
52	39	1
2	39	1
53	39	2
2	39	3
54	40	0

30 In. Sqr.

2	30	1
31	30	2
2	30	3
32	31	0
2	31	1
33	31	2
2	31	3
34	32	0
2	32	1
35	32	2
2	32	3
36	32	3
2	33	0
37	33	1
2	33	2
38	33	3
2	34	0
39	34	1
2	34	2
40	34	3
2	34	3
41	35	0
2	35	1
42	35	2
2	35	3
43	36	0
2	36	0
44	36	1
2	36	2
45	36	3
2	37	0
46	37	1

2	37	1
47	37	2
2	37	3
48	38	0
2	38	1
49	38	1
2	38	2
50	38	3
2	39	0
51	39	0
2	39	1
52	39	2
2	39	3
53	39	3
2	40	0
54	40	1

30 ½ Sqr.

31	30	3
2	31	0
32	31	1
2	31	2
33	31	3
2	32	0
34	32	1
2	32	2
35	32	3
2	33	0
36	33	1
2	33	1
37	33	2
2	33	3
38	34	0
2	34	1
39	34	2
2	34	3
40	35	0
2	35	1
41	35	1
2	35	2
42	35	3
2	36	0
43	36	1
2	36	2
44	36	3
2	36	3
45	37	0
2	37	1
46	37	2
2	37	3
47	37	3

2	38	0
48	38	1
2	38	2
49	38	3
2	38	3
50	39	0
2	39	1
51	39	2
2	39	2
52	39	3
2	40	0
53	40	1
2	40	2
54	40	2

31 In. Sqr.

2	31	1
32	31	2
2	31	3
33	32	0
2	32	1
34	32	2
2	32	3
35	33	0
2	33	1
36	33	2
2	33	3
37	33	3
2	34	0
38	34	1
2	34	2
39	34	3
2	35	0
40	35	1
2	35	2
41	35	3
2	35	3
42	36	0
2	36	1
43	36	2
2	36	3
44	37	0
2	37	1
45	37	1
2	37	2
46	37	3
2	38	0
47	38	1
2	38	1
48	38	2
2	38	3

49	39	0
2	39	1
50	39	1
2	39	2
51	39	3
2	40	0
52	40	1
2	40	1
53	40	2
2	40	3
54	41	0

31 ½ Sqr.

32	31	3
2	32	0
33	32	1
2	32	2
34	32	3
2	33	0
35	33	1
2	33	2
36	33	3
2	34	0
37	34	1
2	34	1
38	34	2
2	34	3
39	35	0
2	35	1
40	35	2
2	35	3
41	36	0
2	36	1
42	36	1
2	36	2
43	36	3
2	37	0
44	37	1
2	37	2
45	37	3
2	37	3
46	38	0
2	38	1
47	38	2
2	38	3
48	39	0
2	39	0
49	39	1
2	39	2
50	39	3
2	40	0

51	40	0
2	40	1
52	40	2
2	40	3
43	40	3
2	41	0
54	41	1

32 In. Sqr.

2	32	1
33	32	2
2	32	3
34	33	0
2	33	1
35	33	2
2	33	3
36	34	0
2	34	1
37	34	2
2	34	3
38	34	3
2	35	0
39	35	1
2	35	2
40	35	3
2	36	0
41	36	1
2	36	2
42	36	3
2	37	0
43	37	0
2	37	1
44	37	2
2	37	3
45	38	0
2	38	1
46	38	1
2	38	2
47	38	3
2	39	0
48	39	1
2	39	2
49	39	2
2	39	3
50	40	0
2	40	0
51	40	1
2	40	2
52	40	3
2	40	3
53	41	0

2	41	1
54	41	2

32 ½ Sqr.

33	32	3
2	33	0
34	33	1
2	33	2
35	33	3
2	34	0
36	34	1
2	34	2
37	34	3
2	35	0
38	35	1
2	35	2
39	35	2
2	35	3
40	36	0
2	36	1
41	36	2
2	36	3
42	37	0
2	37	1
43	37	2
2	37	2
44	37	3
2	38	0
45	38	1
2	38	2
46	38	3
2	38	3
47	39	0
2	39	1
48	39	2
2	39	3
49	40	0
2	40	0
50	40	1
2	40	2
51	40	3
2	41	0
52	41	0
2	41	1
53	41	2
2	41	3
54	42	0

33 In. Sqr.

2	33	1
34	33	2
2	33	3
35	34	0
2	34	1
36	34	2
2	34	3
37	35	0
2	35	1
38	35	2
2	35	3
39	35	3
2	36	0
40	36	1
2	36	2
41	36	3
2	37	0
42	37	1
2	37	2
43	37	3
2	38	0
44	38	0
2	38	1
45	38	2
2	38	2
46	38	3
2	39	0
47	39	1
2	39	2
48	39	3
2	39	3
49	40	0
2	40	1
50	40	2
2	40	3
51	40	3
2	41	0
52	41	1
2	41	1
53	41	2
2	41	3
54	42	0

33 ½ Sqr.

34	33	3
2	34	0
35	34	1
2	34	2
36	34	3
2	35	0
37	35	1
2	35	2
38	35	3
2	36	0
39	36	1
2	36	2
40	36	2
2	36	3
41	37	0
2	37	1
42	37	2
2	37	3
43	38	0
2	38	1
44	38	2
2	38	2
45	38	3
2	39	0
46	39	1
2	39	2
47	39	3
2	40	0
48	40	0
2	40	1
49	40	2
2	40	3
50	41	0
2	41	1
51	41	1
2	41	2
52	41	3
2	42	0
53	42	1
2	42	1
54	42	2

34 In. Sqr.

2	34	1
35	34	2
2	34	3
36	35	0
2	35	1
37	35	2
2	35	2
38	35	3
2	36	0
39	36	1
2	36	2
40	36	3
2	37	0
41	37	1
2	37	2
42	37	3
2	38	0

43	38	0
2	38	1
44	38	2
2	38	3
45	39	0
2	39	1
46	39	2
2	39	3
47	40	0
2	40	1
48	40	2
2	40	2
49	40	3
2	41	0
50	41	1
2	41	2
51	41	3
2	41	3
52	42	0
2	42	1
53	42	2
2	42	3
54	42	3

34 ½ Sqr.

35	34	3
2	35	0
36	35	1
2	35	2
37	35	3
2	36	0
38	36	1
2	36	2
39	36	3
2	37	0
40	37	1
2	37	2
41	37	2
2	37	3
42	38	0
2	38	1
43	38	2
2	38	3
44	39	0
2	39	1
45	39	2
2	39	2
46	39	3
2	40	0
47	40	1
2	40	2

48	40	3
2	41	0
49	41	0
2	41	1
50	41	2
2	41	3
51	42	0
2	42	1
52	42	1
2	42	2
53	42	3
2	43	0
54	43	1

35 In. Sqr.

2	35	1
36	35	2
2	35	3
37	36	0
2	36	1
38	36	2
2	36	3
39	37	0
2	37	1
40	37	2
2	37	3
41	38	0
2	38	0
42	38	1
2	38	2
43	38	3
2	39	0
44	39	1
2	39	2
45	39	3
2	40	0
46	40	0
2	40	1
47	40	2
2	40	3
48	41	0
2	41	1
49	41	2
2	41	2
50	41	3
2	42	0
51	42	1
2	42	2
52	42	3
2	42	3
53	43	0

2	43	1
54	43	2

35 ½ Sqr.

36	35	3
2	36	0
37	36	1
2	36	2
38	36	3
2	37	0
39	37	1
2	37	2
40	37	3
2	38	0
41	38	1
2	38	2
42	38	2
2	38	3
43	39	0
2	39	1
44	39	2
2	39	3
45	40	0
2	40	1
46	40	2
2	40	2
47	40	3
2	41	0
48	41	1
2	41	2
49	41	3
2	42	0
50	42	1
2	42	1
51	42	2
2	42	3
52	43	0
2	43	1
53	43	1
2	43	2
54	43	3

36 In. Sqr.

2	36	1
37	36	2
2	36	3
38	37	0
2	37	1
39	37	2
2	37	3
40	38	0

2	38	1
41	38	2
2	38	3
42	39	0
2	39	0
43	39	1
2	39	2
44	39	3
2	40	0
45	40	1
2	40	2
46	40	3
2	41	0
47	41	1
2	41	1
48	41	2
2	41	3
49	42	0
2	42	1
50	42	2
2	42	3
51	42	3
2	43	0
52	43	1
2	43	2
53	43	3
2	44	0
54	44	0

36 ½ Sqr.

37	36	3
2	37	0
38	37	1
2	37	2
39	37	3
2	38	0
40	38	1
2	38	2
41	38	3
2	39	0
42	39	1
2	39	2
43	39	2
2	39	3
44	40	0
2	40	1
45	40	2
2	40	3
46	41	0
2	41	1
47	41	2

2	41	3
48	41	3
2	42	0
49	42	1
2	42	2
50	42	3
2	43	0
51	43	1
2	43	1
52	43	2
2	43	3
53	44	0
2	44	0
54	44	1

37 In. Sqr.

2	37	1
38	37	2
2	37	3
39	38	0
2	38	1
40	38	2
2	38	3
41	39	0
2	39	1
42	39	2
2	39	3
43	40	0
2	40	0
44	40	1
2	40	2
45	40	3
2	41	0
46	41	1
2	41	1
47	41	2
2	42	0
48	42	1
2	42	1
49	42	2
2	42	3
50	43	0
2	43	1
51	43	2
2	43	3
52	43	3
2	44	0
53	44	1
2	44	2
54	44	2
2	44	3

37 ½ Sqr.

38	37	3
2	38	0
39	38	1
2	38	2
40	38	3
2	39	0
41	39	1
2	39	2
42	39	3
2	40	0
43	40	1
2	40	2
44	40	3
2	40	3
45	41	0
2	41	1
46	41	2
2	41	3
47	42	0
2	42	1
48	42	2
2	42	3
49	42	3
2	43	0
50	43	1
2	43	2
51	43	3
2	44	0
52	44	1
2	44	1
53	44	2
2	44	3
54	45	0

38 In. Sqr.

2	38	1
39	38	2
2	38	3
40	39	0
2	39	1
41	39	2
2	39	3
42	40	0
2	40	1
43	40	2
2	40	3
44	41	0
2	41	0
45	41	1
2	41	2

46	41	3
2	42	0
47	42	1
2	42	1
48	42	2
2	42	3
49	43	0
2	43	1
50	43	2
2	43	3
51	44	0
2	44	0
52	44	1
2	44	2
53	44	3
2	45	0
54	45	1

38 ½ Sqr.

39	38	3
2	39	0
40	39	1
2	39	2
41	39	3
2	40	0
42	40	1
2	40	2
43	40	3
2	41	0
44	41	1
2	41	2
45	41	2
2	41	3
46	42	0
2	42	1
47	42	2
2	42	3
48	43	0
2	43	1
49	43	2
2	43	3
50	43	3
2	44	0
51	44	1
2	44	2
52	44	3
2	45	0
53	45	1
2	45	1
54	45	2

39 In. Sqr.

2	39	1
40	39	2
2	39	3
41	40	0
2	40	1
42	40	2
2	40	3
43	41	0
2	41	1
44	41	2
2	41	3
45	42	0
2	42	0
46	42	1
2	42	2
47	42	3
2	43	0
48	43	1
2	43	2
49	43	3
2	44	0
50	44	1
2	44	1
51	44	2
2	44	3
52	45	0
2	45	1
53	45	2
2	45	3
54	46	0

39 ½ Sqr.

40	39	3
2	40	0
41	40	1
2	40	2
42	40	3
2	41	0
43	41	1
2	41	2
44	41	3
2	42	0
45	42	1
2	42	2
46	42	3
2	42	3
47	43	0
2	43	1
48	43	2
2	43	3

49	44	0
2	44	1
50	44	2
2	44	3
51	45	0
2	45	0
52	45	1
2	45	2
53	45	3
2	46	0
54	46	1

40 In. Sqr.

2	40	1
41	40	2
2	40	3
42	41	0
2	41	1
43	41	2
2	41	3
44	42	0
2	42	1
45	42	2
2	42	3
46	43	0
2	43	1
47	43	1
2	43	2
48	43	3
2	44	0
49	44	1
2	44	2
50	44	3
2	45	0
51	45	1
2	45	2
52	45	2
2	45	3
53	46	0
2	46	1
54	46	2

40 ½ Sqr.

41	40	3
2	41	0
42	41	1
2	41	2
43	41	3
2	42	0
44	42	1
2	42	2

45	42	3
2	43	0
46	43	1
2	43	2
47	43	2
2	43	3
48	44	0
2	44	1
49	44	2
2	44	3
50	45	0
2	45	1
51	45	2
2	45	3
52	46	0
2	46	0
53	46	1
2	46	2
54	46	3

41 In. Sqr.

2	41	1
42	41	2
2	41	3
43	42	0
2	42	1
44	42	2
2	42	3
45	43	0
2	43	1
46	43	2
2	43	3
47	44	0
2	44	1
48	44	1
2	44	2
49	44	3
2	45	0
50	45	1
2	45	2
51	45	3
2	46	0
52	46	1
2	46	2
53	46	2
2	46	3
54	47	0

41 ½ Sqr.

42	41	3
2	42	0

43	42	1
2	42	2
44	43	3
2	43	0
45	43	1
2	43	2
46	43	3
2	44	0
47	44	1
2	44	2
48	44	3
2	44	3
49	45	0
2	45	1
50	45	2
2	45	3
51	46	0
2	46	1
52	46	2
2	46	3
53	47	0
2	47	0
54	47	1

42 In. Sqr.

2	42	1
43	42	2
2	42	3
44	43	0
2	43	1
45	43	2
2	43	3
46	44	0
2	44	1
47	44	2
2	44	3
48	45	0
2	45	1
49	45	1
2	45	2
50	45	3
2	46	0
51	46	1
2	46	2
52	46	3
2	47	0
53	47	1
2	47	2
54	47	2

42 ½ Sqr.

43	42	3
2	43	0
44	43	1
2	43	2
45	43	3
2	44	0
46	44	1
2	44	2
47	44	3
2	45	0
48	45	1
2	45	2
49	45	2
2	45	3
50	46	0
2	46	1
51	46	2
2	46	3
52	47	0
2	47	1
53	47	2
2	47	3
54	48	0

43 In. Sqr.

2	43	1
44	43	2
2	43	3
45	44	0
2	44	1
46	44	2
2	44	3
47	45	0
2	45	1
48	45	2
2	45	3
49	46	0
2	46	1
50	46	1
2	46	2
51	46	3
2	47	0
52	47	1
2	47	2
53	47	3
2	48	0
54	48	1

43 ½ Sqr.

44	43	3
2	44	0

45	44	1
2	44	2
46	44	3
2	45	0
47	45	1
2	45	2
48	45	3
2	46	0
49	46	1
2	46	2
50	46	3
2	46	3
51	47	0
2	47	1
52	47	2
2	47	3
53	48	0
2	48	1
54	48	2

44 In. Sqr.

2	44	1
45	44	2
2	44	3
46	45	0
2	45	1
47	45	2
2	45	3
48	46	0
2	46	1
49	46	2
2	46	3
50	47	0
2	47	1
51	47	1
2	47	2
52	47	3
2	48	0
53	48	1
2	48	2
54	48	3

44 ½ Sqr.

45	44	3
2	45	0
46	45	1
2	45	2
47	45	3
2	46	0
48	46	1
2	46	2

49	46	3
2	47	0
50	47	1
2	47	2
51	47	3
2	47	3
52	48	0
2	48	1
53	48	2
2	48	3
54	49	0

45 In. Sqr.

2	45	1
46	45	2
2	45	3
47	46	0
2	46	1
48	46	2
2	46	3
49	47	0
2	47	1
50	47	2
2	47	3
51	48	0
2	48	1
52	48	1
2	48	2
53	48	3
2	49	0
54	49	1

45 ½ Sqr.

46	45	3
2	46	0
47	46	1
2	46	2
48	46	3
2	47	0
49	47	1
2	47	2
50	47	3
2	48	0
51	48	1
2	48	2
52	48	3
2	48	3
53	49	0
2	49	1
54	49	2

46 In. Sqr.

2	46	1
47	46	2
2	46	3
48	47	0
2	47	1
49	47	2
2	47	3
50	48	0
2	48	1
51	48	2
2	48	3
52	49	0
2	49	0
53	49	1
2	49	2
54	49	3

46 ½ Sqr.

47	46	3
2	47	0
48	47	1
2	47	2
49	47	3
2	48	0
50	48	1
2	48	2
51	48	3
2	49	0
52	49	1
2	49	2
53	49	3
2	49	3
54	50	0

47 In. Sq.

2	47	1
48	47	2
2	47	3
49	48	0
2	48	1
50	48	2
2	48	3
51	49	0
2	49	1
52	49	2
2	49	3
53	50	0
2	50	1
54	50	2

47 ½ Sqr.		
48	47	3
2	48	0
49	48	1
2	48	2
50	48	3
2	49	0
51	49	1
2	49	2
52	49	3
2	50	0
53	50	1
2	50	2
54	50	3

48 In. Sqr.		
2	48	1
49	48	2
2	48	3
50	49	0
2	49	1
51	49	2
2	49	3
52	50	0
2	50	1
53	50	2
2	50	3
54	51	0

48 ½ Sqr.		
49	48	3
2	49	0
50	49	1
2	49	2
51	49	3
2	50	0
52	50	1
2	50	2
53	50	3
2	51	0
54	51	1

49 In. Sqr.		
2	49	1
50	49	2
2	49	3
51	50	0
2	50	1
52	50	2
2	50	3
53	51	0
2	51	1
54	51	2

49 ½ Sqr.		
50	49	3
2	50	0
51	50	1
2	50	2
52	50	3
2	51	0
53	51	1
2	51	2
54	51	3

50 In. Sqr.		
2	50	1
51	50	2
2	50	3
52	51	0
2	51	1
53	51	2
2	51	3
54	52	0

50 ½ Sqr.		
51	50	3
2	51	0
52	51	1
2	51	2
53	51	3
2	52	0
54	52	1

51 In. Sqr.		
2	51	1
52	51	2
2	51	3
53	52	0
2	52	1
54	52	2

51 ½ Sqr.		
52	51	3
2	52	0
53	52	1
2	52	2
54	52	3

52 In. Sqr.		
2	52	1
53	52	2
2	52	3
54	53	0

52 ½ Sqr.		
53	52	3
2	53	0
54	53	1

53 In. Sqr.		
2	53	1
54	53	2

53 ½ Sqr.		
54	53	3

54 In. Sqr.

A NEW

A NEW TABLE OF *Solid Measure*,

Ready cast up;

Whereby the *Solid Content*, and consequently the *Value* of any Piece or Quantity of *Timber*, *Stone*, *&c.* may be *readily* found, from 2 Inches to 54, *the Side* of the *Square*, or *one fourth* of the *Girt*, and from one Foot to 50 the *Length*.

And therefore, by *Addition* only, may serve to any grater *Square* or *Length* if there should ever be any Occasion.

Ft. long	Side 2 Inches.			Ft. long	Side 2 ¼ Inch.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	0	4	1	0	0	5
2	0	0	8	2	0	0	10
3	0	1	0	3	0	1	3
4	0	1	4	4	0	1	8
5	0	1	8	5	0	2	1
6	0	2	0	6	0	2	6
7	0	2	4	7	0	2	11
8	0	2	8	8	0	3	4
9	0	3	0	9	0	3	9
10	0	3	4	10	0	4	2
11	0	3	8	11	0	4	7
12	0	4	0	12	0	5	0
13	0	4	4	13	0	5	5
14	0	4	8	14	0	5	10
15	0	5	0	15	0	6	3
16	0	5	4	16	0	6	9
17	0	5	8	17	0	7	2
18	0	6	0	18	0	7	7
19	0	6	4	19	0	8	0
20	0	6	8	20	0	8	5
21	0	7	0	21	0	8	10
22	0	7	4	22	0	9	3
23	0	7	8	23	0	9	8
24	0	8	0	24	0	10	1
25	0	8	4	25	0	10	6
26	0	8	8	26	0	10	11
27	0	9	0	27	0	11	4
28	0	9	4	28	0	11	9
29	0	9	8	29	1	0	2
30	0	10	0	30	1	0	7
31	0	10	4	31	1	1	0
32	0	10	8	32	1	1	6
33	0	11	0	33	1	1	11
34	0	11	4	34	1	2	4
35	0	11	8	35	1	2	9
36	1	0	0	36	1	3	2
37	1	0	4	37	1	3	7
38	1	0	8	38	1	4	0
39	1	1	0	39	1	4	5
40	1	1	4	40	1	4	10
41	1	1	8	41	1	5	3
42	1	2	0	42	1	5	8
43	1	2	4	43	1	6	1
44	1	2	8	44	1	6	6
45	1	3	0	45	1	6	11
46	1	3	4	46	1	7	4
47	1	3	8	47	1	7	9
48	1	4	0	48	1	8	3
49	1	4	4	49	1	8	8
50	1	4	8	50	1	9	1

Ft. long	Side 2 ½			Ft. long	Side 2 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	0	6	1	0	0	7
2	0	1	0	2	0	1	3
3	0	1	6	3	0	1	10
4	0	2	1	4	0	2	6
5	0	2	7	5	0	3	1
6	0	3	1	6	0	3	9
7	0	3	7	7	0	4	4
8	0	4	2	8	0	5	0
9	0	4	8	9	0	5	8
10	0	5	2	10	0	6	3
11	0	5	8	11	0	6	11
12	0	6	3	12	0	7	6
13	0	6	9	13	0	8	2
14	0	7	3	14	0	8	9
15	0	7	9	15	0	9	5
16	0	8	4	16	0	10	1
17	0	8	10	17	0	10	8
18	0	9	4	18	0	11	4
19	0	9	10	19	0	11	11
20	0	10	5	20	1	0	7
21	0	10	11	21	1	1	2
22	0	11	5	22	1	1	10
23	0	11	11	23	1	2	5
24	1	0	6	24	1	3	1
25	1	1	0	25	1	3	9
26	1	1	6	26	1	4	4
27	1	2	0	27	1	5	0
28	1	2	7	28	1	5	7
29	1	3	1	29	1	6	3
30	1	3	7	30	1	6	10
31	1	4	1	31	1	7	6
32	1	4	8	32	1	8	2
33	1	5	2	33	1	8	9
34	1	5	8	34	1	9	5
35	1	6	2	35	1	10	0
36	1	6	9	36	1	10	8
37	1	7	3	37	1	11	3
38	1	7	9	38	1	11	4
39	1	8	3	39	2	0	6
40	1	8	10	40	2	1	2
41	1	9	4	41	2	1	10
42	1	9	10	42	2	2	5
43	1	10	4	43	2	3	1
44	1	10	11	44	2	3	8
45	1	11	5	45	2	4	4
46	1	11	11	46	2	4	11
47	2	0	5	47	2	5	7
48	2	1	0	48	2	6	3
49	2	1	6	49	2	6	10
50	2	2	0	50	2	7	6

Ft. long	Side 3 Inches.			Ft. long	Side 3 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	0	9	1	0	0	10
2	0	1	6	2	0	1	9
3	0	2	3	3	0	2	7
4	0	3	0	4	0	3	6
5	0	3	9	5	0	4	4
6	0	4	6	6	0	5	3
7	0	5	3	7	0	6	1
8	0	6	0	8	0	7	0
9	0	6	9	9	0	7	11
10	0	7	6	10	0	8	9
11	0	8	3	11	0	9	8
12	0	9	0	12	0	10	6
13	0	9	9	13	0	11	5
14	0	10	6	14	1	0	3
15	0	11	3	15	1	1	2
16	1	0	0	16	1	2	1
17	1	0	9	17	1	2	11
18	1	1	6	18	1	3	10
19	1	2	3	19	1	4	8
20	1	3	0	20	1	5	7
21	1	3	9	21	1	6	5
22	1	4	6	22	1	7	4
23	1	5	3	23	1	8	2
24	1	6	0	24	1	9	1
25	1	6	9	25	1	10	0
26	1	7	6	26	1	10	10
27	1	8	3	27	1	11	9
28	1	9	0	28	2	0	7
29	1	9	9	29	2	1	6
30	1	10	6	30	2	2	4
31	1	11	3	31	2	3	3
32	2	0	0	32	2	4	2
33	2	0	9	33	2	5	0
34	2	1	6	34	2	5	11
35	2	2	3	35	2	6	9
36	2	3	0	36	2	7	8
37	2	3	9	37	2	8	6
38	2	4	6	38	2	9	5
39	2	5	3	39	2	10	3
40	2	6	0	40	2	11	2
41	2	6	9	41	3	0	1
42	2	7	6	42	3	0	11
43	2	8	3	43	3	1	10
44	2	9	0	44	3	2	8
45	2	9	9	45	3	3	7
46	2	10	6	46	3	4	5
47	2	11	3	47	3	5	4
48	3	0	0	48	3	6	3
49	3	0	9	49	3	7	1
50	3	1	6	50	3	8	0

Ft. long	Side 3 ½			Ft. long	Side 3 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1	0	1	0	1	2
2	0	2	0	2	0	2	4
3	0	3	0	3	0	3	6
4	0	4	1	4	0	4	8
5	0	5	1	5	0	5	10
6	0	6	1	6	0	7	0
7	0	7	1	7	0	8	2
8	0	8	2	8	0	9	4
9	0	9	2	9	0	10	6
10	0	10	2	10	0	11	8
11	0	11	2	11	1	0	10
12	1	0	3	12	1	2	0
13	1	1	3	13	1	3	2
14	1	2	3	14	1	4	4
15	1	3	3	15	1	5	6
16	1	4	4	16	1	6	9
17	1	5	4	17	1	7	11
18	1	6	4	18	1	9	1
19	1	7	4	19	1	10	3
20	1	8	5	20	1	11	5
21	1	9	5	21	2	0	7
22	1	10	5	22	2	1	9
23	1	11	5	23	2	2	11
24	2	0	6	24	2	4	1
25	2	1	6	25	2	5	3
26	2	2	6	26	2	6	5
27	2	3	6	27	2	7	7
28	2	4	7	28	2	8	9
29	2	5	7	29	2	9	11
30	2	6	7	30	2	11	1
31	2	7	7	31	3	0	3
32	2	8	8	32	3	1	6
33	2	9	8	33	3	2	8
34	2	10	8	34	3	3	10
35	2	11	8	35	3	5	0
36	3	0	9	36	3	6	2
37	3	1	9	37	3	7	4
38	3	2	9	38	3	8	6
39	3	3	9	39	3	9	8
40	3	4	10	40	3	10	10
41	3	5	10	41	4	0	0
42	3	6	10	42	4	1	2
43	3	7	10	43	4	2	4
44	3	8	11	44	4	3	6
45	3	9	11	45	4	4	8
46	3	10	11	46	4	5	10
47	3	11	11	47	4	7	0
48	4	1	0	48	4	8	3
49	4	2	0	49	4	9	5
50	4	3	0	50	4	10	7

Ft. long	Side 4 Inches.			Ft. long	Side 4 4		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1		1	0	1	6
2	0	2	8	2	0	3	0
3	0	4	0	3	0	4	6
4	0	5	4	4	0	6	0
5	0	6	8	5	0	7	6
6	0	8	0	6	0	9	0
7	0	9	4	7	0	10	6
8	0	10	8	8	1	0	0
9	1	0	0	9	1	1	6
10	1	1	4	10	1	3	0
11	1	2	8	11	1	4	6
12	1	4	0	12	1	6	0
13	1	5	4	13	1	7	6
14	1	6	8	14	1	9	0
15	1	8	0	15	1	10	6
16	1	9	4	16	2	0	1
17	1	10	8	17	2	1	7
18	2	0	0	18	2	3	1
19	2	1	4	19	2	4	7
20	2	2	8	20	2	6	1
21	2	4	0	21	2	7	7
22	2	5	4	22	2	9	1
23	2	6	8	23	2	10	7
24	2	8	0	24	3	0	1
25	2	9	4	25	3	1	7
26	2	10	8	26	3	3	1
27	3	0	0	27	3	4	7
28	3	1	4	28	3	6	1
29	3	2	8	29	3	7	7
30	3	4	0	30	3	9	1
31	3	5	4	31	3	10	7
32	3	6	8	32	4	0	2
33	3	8	0	33	4	1	8
34	3	9	4	34	4	3	2
35	3	10	8	35	4	4	8
36	4	0	0	36	4	6	2
37	4	1	4	37	4	7	8
38	4	2	8	38	4	9	2
39	4	4	0	39	4	10	8
40	4	5	4	40	5	0	2
41	4	6	8	41	5	1	8
42	4	8	0	42	5	3	2
43	4	9	4	43	5	4	8
44	4	10	8	44	5	6	2
45	5	0	0	45	5	7	8
46	5	1	4	46	5	9	2
47	5	2	8	47	5	10	8
48	5	4	0	48	6	0	3
49	5	5	4	49	6	1	9
50	5	6	8	50	6	3	3

Ft. long	Side 4 ½			Ft. long	Side 4 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1	8	1	0	1	10
2	0	3	4	2	0	3	9
3	0	5	0	3	0	5	7
4	0	6	9	4	0	7	6
5	0	8	5	5	0	9	4
6	0	10	1	6	0	11	3
7	0	11	9	7	1	1	1
8	1	1	6	8	1	3	0
9	1	2	2	9	1	4	11
10	1	4	10	10	1	6	9
11	1	6	6	11	1	8	8
12	1	8	3	12	1	10	6
13	1	9	11	13	2	0	5
14	1	11	7	14	2	2	3
15	2	1	3	15	2	4	2
16	2	3	0	16	2	6	1
17	2	4	8	17	2	7	11
18	2	6	4	18	2	9	10
19	2	8	0	19	2	11	8
20	2	9	9	20	3	1	7
21	2	11	5	21	3	3	5
22	3	1	1	22	3	5	4
23	3	2	9	23	3	7	2
24	3	4	6	24	3	9	1
25	3	6	2	25	3	11	0
26	3	7	10	26	4	0	10
27	3	9	6	27	4	2	9
28	3	11	3	28	4	4	7
29	4	0	11	29	4	6	6
30	4	2	7	30	4	8	4
31	4	4	3	31	4	10	3
32	4	6	0	32	5	0	2
33	4	7	8	33	5	2	0
34	4	9	4	34	5	3	11
35	4	11	0	35	5	5	9
36	5	0	9	36	5	7	8
37	5	2	5	37	5	9	6
38	5	4	1	38	5	11	5
39	5	5	9	39	6	1	3
40	5	7	6	40	6	3	2
41	5	9	2	41	6	5	1
42	5	10	10	42	6	6	11
43	6	0	6	43	6	8	10
44	6	2	3	44	6	10	8
45	6	3	11	45	7	0	7
46	6	5	7	46	7	2	5
47	6	7	3	47	7	4	4
48	6	9	0	48	7	6	3
49	6	10	8	49	7	8	1
50	7	0	4	50	7	10	0

Ft. long	Side 5 Inches.			Ft. long	Side 5 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	2	1	1	0	2	3
2	0	4	2	2	0	4	7
3	0	6	3	3	0	6	10
4	0	8	4	4	0	9	2
5	0	10	5	5	0	11	5
6	1	0	6	6	1	1	9
7	1	2	7	7	1	4	0
8	1	4	8	8	1	6	4
9	1	6	9	9	1	8	8
10	1	8	10	10	1	10	11
11	1	10	11	11	2	1	3
12	2	1	0	12	2	3	6
13	2	3	1	13	2	5	10
14	2	5	2	14	2	8	1
15	2	7	3	15	2	10	5
16	2	9	4	16	3	0	9
17	2	11	5	17	3	3	0
18	3	1	6	18	3	5	4
19	3	3	7	19	3	7	7
20	3	5	8	20	3	9	11
21	3	7	9	21	4	0	2
22	3	9	10	22	4	2	6
23	3	11	11	23	4	4	9
24	4	2	0	24	4	7	1
25	4	4	1	25	4	9	5
26	4	6	2	26	4	11	8
27	4	8	3	27	5	2	0
28	4	10	4	28	5	4	3
29	5	0	5	29	5	6	7
30	5	2	6	30	5	8	10
31	5	4	7	31	5	11	2
32	5	6	8	32	6	1	6
33	5	8	9	33	6	3	9
34	5	10	10	34	6	6	1
35	6	0	11	35	6	8	4
36	6	3	0	36	6	10	8
37	6	5	1	37	7	0	11
38	6	7	2	38	7	3	3
39	6	9	3	39	7	5	6
40	6	11	4	40	7	7	10
41	7	1	5	41	7	10	2
42	7	3	6	42	8	0	5
43	7	5	7	43	8	2	9
44	7	7	8	44	8	5	0
45	7	9	9	45	8	7	4
46	7	11	10	46	8	9	7
47	8	1	11	47	8	11	11
48	8	4	0	48	9	2	3
49	8	6	1	49	9	4	6
50	8	8	2	50	9	6	10

Ft. long	Side 5 ½			Ft. long	Side 5 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	2	6	1	0	2	9
2	0	5	0	2	0	5	6
3	0	7	6	3	0	8	3
4	0	10	1	4	0	11	0
5	1	0	7	5	1	1	9
6	1	3	1	6	1	4	6
7	1	5	7	7	1	7	3
8	1	8	2	8	1	10	0
9	1	10	8	9	2	0	9
10	2	1	2	10	2	3	6
11	2	3	8	11	2	6	3
12	2	6	3	12	2	9	0
13	2	8	9	13	2	11	9
14	2	11	3	14	3	2	6
15	3	1	9	15	3	5	3
16	3	4	4	16	3	8	1
17	3	6	10	17	3	10	10
18	3	9	4	18	4	1	7
19	3	11	10	19	4	4	4
20	4	2	5	20	4	7	1
21	4	4	11	21	4	9	10
22	4	7	5	22	5	0	7
23	4	9	11	23	5	3	4
24	5	0	6	24	5	6	1
25	5	3	0	25	5	8	10
26	5	5	6	26	5	11	7
27	5	8	0	27	6	2	4
28	5	10	6	28	6	5	1
29	6	1	1	29	6	7	10
30	6	3	7	30	6	10	7
31	6	6	1	31	7	1	4
32	6	8	8	32	7	4	2
33	6	11	2	33	7	6	11
34	7	1	8	34	7	9	8
35	7	4	2	35	8	0	5
36	7	6	9	36	8	3	2
37	7	9	3	37	8	5	11
38	7	11	9	38	8	8	8
39	8	2	3	39	8	11	5
40	8	4	10	40	9	2	2
41	8	7	4	41	9	4	11
42	8	9	10	42	9	7	8
43	9	0	4	43	9	10	5
44	9	2	11	44	10	1	2
45	9	5	5	45	10	3	11
46	9	7	11	46	10	6	8
47	9	10	5	47	10	9	5
48	10	1	0	48	11	0	3
49	10	3	6	49	11	3	0
50	10	6	0	50	11	5	9

Ft. long	Side 6 Inches.			Ft. long	Side 6 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	3	0	1	0	3	3
2	0	6	0	2	0	6	6
3	0	9	0	3	0	9	9
4	1	0	0	4	1	1	0
5	1	3	0	5	1	4	3
6	1	6	0	6	1	7	6
7	1	9	0	7	1	10	9
8	2	0	0	8	2	2	0
9	2	3	0	9	2	5	3
10	2	6	0	10	2	8	6
11	2	9	0	11	2	11	9
12	3	0	0	12	3	3	0
13	3	3	0	13	3	6	3
14	3	6	0	14	3	9	6
15	3	9	0	15	4	0	9
16	4	0	0	16	4	4	1
17	4	3	0	17	4	7	4
18	4	6	0	18	4	10	7
19	4	9	0	19	5	1	10
20	5	0	0	20	5	5	1
21	5	3	0	21	5	8	4
22	5	6	0	22	5	11	7
23	5	9	0	23	6	2	10
24	6	0	0	24	6	6	1
25	6	3	0	25	6	9	4
26	6	6	0	26	7	0	7
27	6	9	0	27	7	3	10
28	7	0	0	28	7	7	1
29	7	3	0	29	7	10	4
30	7	6	0	30	8	1	7
31	7	9	0	31	8	4	10
32	8	0	0	32	8	8	2
33	8	3	0	33	8	11	5
34	8	6	0	34	9	2	8
35	8	9	0	35	9	5	11
36	9	0	0	36	9	9	2
37	9	3	0	37	10	0	5
38	9	6	0	38	10	3	8
39	9	9	0	39	10	6	11
40	10	0	0	40	10	10	2
41	10	3	0	41	11	1	5
42	10	6	0	42	11	4	8
43	10	9	0	43	11	7	11
44	11	0	0	44	11	11	2
45	11	3	0	45	12	2	5
46	11	6	0	46	12	5	8
47	11	9	0	47	12	8	11
48	12	0	0	48	13	0	3
49	12	3	0	49	13	3	6
50	12	6	0	50	13	6	0

Ft. long	Side 6 ½			Ft. long	Side 6 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	3	6	1	0	3	9
2	0	7	0	2	0	7	7
3	0	10	6	3	0	11	4
4	1	2	1	4	1	3	2
5	1	5	7	5	1	6	11
6	1	9	1	6	1	10	9
7	2	0	7	7	2	2	6
8	2	4	2	8	2	6	4
9	2	7	8	9	2	10	2
10	2	11	2	10	3	1	11
11	3	2	8	11	3	5	9
12	3	6	3	12	3	9	6
13	3	9	9	13	4	1	4
14	4	1	3	14	4	5	1
15	4	4	9	15	4	8	11
16	4	8	4	16	5	0	9
17	4	11	10	17	5	4	6
18	5	3	4	18	5	8	4
19	5	6	10	19	6	0	1
20	5	10	5	20	6	3	11
21	6	1	11	21	6	7	8
22	6	5	5	22	6	11	6
23	6	8	11	23	7	3	3
24	7	0	6	24	7	7	1
25	7	4	0	25	7	10	11
26	7	7	6	26	8	2	8
27	7	11	0	27	8	6	6
28	8	2	7	28	8	10	3
29	8	6	1	29	9	2	1
30	8	9	7	30	9	5	10
31	9	1	1	31	9	9	8
32	9	4	8	32	10	1	6
33	9	8	2	33	10	5	5
34	9	11	8	34	10	9	1
35	10	3	2	35	11	0	10
36	10	6	9	36	11	4	8
37	10	10	3	37	11	8	5
38	11	1	9	38	12	0	3
39	11	5	3	39	12	4	0
40	11	8	10	40	12	7	10
41	12	0	4	41	12	11	8
42	12	3	10	42	13	3	5
43	12	7	4	43	13	7	3
44	12	10	11	44	13	11	0
45	13	2	5	45	14	2	10
46	13	5	11	46	14	6	7
47	13	9	5	47	14	10	5
48	14	1	0	48	15	2	3
49	14	4	6	49	15	6	0
50	14	8	0	50	15	9	10

Ft. long.	Side 7 Inches.			Ft. long.	Side 7 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	4	1	1	0	4	4
2	0	8	2	2	0	8	9
3	1	0	3	3	1	1	1
4	1	4	4	4	1	5	6
5	1	8	5	5	1	9	10
6	2	0	6	6	2	2	3
7	2	4	7	7	2	6	7
8	2	8	8	8	2	11	0
9	3	0	9	9	3	3	5
10	3	4	10	10	3	7	9
11	3	8	11	11	4	0	2
12	4	1	0	12	4	4	6
13	4	5	1	13	4	8	11
14	4	9	2	14	5	1	3
15	5	1	3	15	5	5	8
16	5	5	4	16	5	10	1
17	5	9	5	17	6	2	5
18	6	1	6	18	6	6	10
19	6	5	7	19	6	11	2
20	6	9	8	20	7	3	7
21	7	1	9	21	7	7	11
22	7	5	10	22	8	0	4
23	7	9	11	23	8	4	8
24	8	2	0	24	8	9	1
25	8	6	1	25	9	1	6
26	8	10	2	26	9	5	10
27	9	2	3	27	9	10	3
28	9	6	4	28	10	2	7
29	9	10	5	29	10	7	0
30	10	2	6	30	10	11	4
31	10	6	7	31	11	3	9
32	10	10	8	32	11	8	2
33	11	2	9	33	12	0	6
34	11	6	10	34	12	4	11
35	11	10	11	35	12	9	3
36	12	3	0	36	13	1	8
37	12	7	1	37	13	6	0
38	12	11	2	38	13	10	5
39	13	3	3	39	14	2	9
40	13	7	4	40	14	7	2
41	13	11	5	41	14	11	7
42	14	3	6	42	15	3	11
43	14	7	7	43	15	8	4
44	14	11	8	44	16	0	8
45	15	3	9	45	16	5	1
46	15	7	10	46	16	9	5
47	15	11	11	47	17	1	10
48	16	4	0	48	17	6	3
49	16	8	1	49	17	10	7
50	17	0	2	50	18	3	0

Ft. long	Side 7 ½ Ft.	In.	Pa.	Ft. long	Side 7 ¾ Ft.	In.	Pa.
1	0	4	8	1	0	5	0
2	0	9	4	2	0	10	0
3	1	2	0	3	1	3	0
4	1	6	9	4	1	8	0
5	1	11	5	5	2	1	0
6	2	4	1	6	2	6	0
7	2	8	9	7	2	11	0
8	3	1	6	8	3	4	0
9	3	6	2	9	3	3	0
10	3	10	10	10	4	2	0
11	4	3	6	11	4	7	0
12	4	8	3	12	5	0	0
13	5	0	11	13	5	5	0
14	5	5	7	14	5	10	0
15	5	10	3	15	6	3	0
16	6	3	0	16	6	8	1
17	6	7	8	17	7	1	1
18	7	0	4	18	7	6	1
19	7	5	0	19	7	11	1
20	7	9	9	20	8	4	1
21	8	2	5	21	8	9	1
22	8	7	1	22	9	2	1
23	8	11	9	23	9	7	1
24	9	4	6	24	10	0	1
25	9	9	2	25	10	5	1
26	10	1	10	26	10	10	1
27	10	6	6	27	11	3	1
28	10	11	3	28	11	8	1
29	11	3	11	29	12	1	1
30	11	8	7	30	12	6	1
31	12	1	3	31	12	11	1
32	12	6	0	32	13	4	2
33	12	10	8	33	13	9	2
34	13	3	4	34	14	2	2
35	13	8	0	35	14	7	2
36	14	0	9	36	15	0	2
37	14	5	5	37	15	5	2
38	14	10	1	38	15	10	2
39	15	2	9	39	16	3	2
40	15	7	6	40	16	8	2
41	16	0	2	41	17	1	2
42	16	4	10	42	17	6	2
43	16	9	6	43	17	11	2
44	17	2	3	44	18	4	2
45	17	6	11	45	18	9	2
46	17	11	7	46	19	2	2
47	18	4	3	47	19	7	2
48	18	9	0	48	20	0	3
49	19	1	8	49	20	5	3
50	19	6	4	50	20	10	3

Ft. long	Side 8 Inches.			Ft. long	Side 8 ¼ Inch.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	5	4	1	0	5	8
2	0	10	8	2	0	11	4
3	1	4	0	3	1	5	0
4	1	9	4	4	1	10	8
5	2	2	8	5	2	4	4
6	2	8	0	6	2	10	0
7	3	1	4	7	3	3	8
8	3	6	8	8	3	9	4
9	4	0	0	9	4	3	0
10	4	5	4	10	4	8	8
11	4	10	8	11	5	2	4
12	5	4	0	12	5	8	0
13	5	9	4	13	6	1	8
14	6	2	8	14	6	7	4
15	6	8	0	15	7	1	0
16	7	1	4	16	7	6	9
17	7	6	8	17	8	0	5
18	8	0	0	18	8	6	1
19	8	5	4	19	8	11	9
20	8	10	8	20	9	5	5
21	9	4	0	21	9	11	1
22	9	9	4	22	10	4	9
23	10	2	8	23	10	10	5
24	10	8	0	24	11	4	1
25	11	1	4	25	11	9	9
26	11	6	8	26	12	3	5
27	12	0	0	27	12	9	1
28	12	5	4	28	13	2	9
29	12	10	8	29	13	8	5
30	13	4	0	30	14	2	1
31	13	9	4	31	14	7	9
32	14	2	8	32	15	1	6
33	14	8	0	33	15	7	2
34	15	1	4	34	16	0	10
35	15	6	8	35	16	6	6
36	16	0	0	36	17	0	2
37	16	5	4	37	17	5	10
38	16	10	8	38	17	11	6
39	17	4	0	39	18	5	2
40	17	9	4	40	18	10	10
41	18	2	8	41	19	4	6
42	18	8	0	42	19	10	2
43	19	1	4	43	20	3	10
44	19	6	8	44	20	9	6
45	20	0	0	45	21	3	2
46	20	5	4	46	21	8	10
47	20	10	8	47	22	2	6
48	21	4	0	48	22	8	3
49	21	9	4	49	23	1	11
50	22	2	8	50	23	7	7

Ft. long	Side 8 ½			Ft. long	Side 8 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	6	0	1	0	6	4
2	1	0	0	2	1	0	9
3	1	6	0	3	1	7	1
4	2	0	1	4	2	1	6
5	2	6	1	5	2	7	10
6	3	0	1	6	3	2	3
7	3	6	1	7	3	8	7
8	4	0	2	8	4	3	0
9	4	6	2	9	4	9	5
10	5	0	2	10	5	3	9
11	5	6	2	11	5	10	2
12	6	0	3	12	6	4	6
13	6	6	3	13	6	10	11
14	7	0	3	14	7	5	3
15	7	6	3	15	7	11	8
16	8	0	4	16	8	6	1
17	8	6	4	17	9	0	5
18	9	0	4	18	9	6	10
19	9	6	4	19	10	1	2
20	10	0	5	20	10	7	7
21	10	6	5	21	11	1	11
22	11	0	5	22	11	8	4
23	11	6	5	23	12	2	8
24	12	0	6	24	12	9	1
25	12	6	6	25	13	3	6
26	13	0	6	26	13	9	10
27	13	6	6	27	14	4	3
28	14	0	7	28	14	10	7
29	14	6	7	29	15	5	0
30	15	0	7	30	15	11	4
31	15	6	7	31	16	5	9
32	16	0	8	32	17	0	2
33	16	6	8	33	17	6	6
34	17	0	8	34	18	0	11
35	17	6	8	35	18	7	3
36	18	0	9	36	19	1	8
37	18	6	9	37	19	8	0
38	19	0	9	38	20	2	5
39	19	6	9	39	20	8	9
40	20	0	10	40	21	3	2
41	20	6	10	41	21	9	7
42	21	0	10	42	22	3	11
43	21	6	10	43	22	10	4
44	22	0	11	44	23	4	8
45	22	6	11	45	23	11	1
46	23	0	11	46	24	5	5
47	23	6	11	47	24	11	10
48	24	1	0	48	25	6	0
49	24	7	0	49	26	0	7
50	25	1	0	50	26	7	0

Ft. long	Side 9 Inches.			Ft. long	Side 9 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	6	9	1	0	7	1
2	1	1	6	2	1	2	3
3	1	8	3	3	1	9	4
4	2	3	0	4	2	4	6
5	2	9	9	5	2	11	7
6	3	4	6	6	3	6	9
7	3	11	3	7	4	1	10
8	4	6	0	8	4	9	0
9	5	0	9	9	5	4	2
10	5	7	6	10	5	11	3
11	6	2	3	11	6	6	5
12	6	9	0	12	7	1	6
13	7	3	9	13	7	8	8
14	7	10	6	14	8	3	9
15	8	5	3	15	8	10	11
16	9	0	0	16	9	6	1
17	9	6	9	17	10	1	2
18	10	1	6	18	10	8	4
19	10	8	3	19	11	3	5
20	11	3	0	20	11	10	7
21	11	9	9	21	12	5	8
22	12	4	6	22	13	0	10
23	12	11	3	23	13	7	11
24	13	6	0	24	14	3	1
25	14	0	9	25	14	10	3
26	14	7	6	26	15	5	4
27	15	2	3	27	16	0	6
28	15	9	0	28	16	7	7
29	16	3	9	29	17	2	9
30	16	10	6	30	17	9	10
31	17	5	3	31	18	5	0
32	18	0	0	32	19	0	2
33	18	6	9	33	19	7	3
34	19	1	6	34	20	2	5
35	19	8	3	35	20	9	6
36	20	3	0	36	21	4	8
37	20	9	9	37	21	11	9
38	21	4	6	38	22	6	11
39	21	11	3	39	23	2	0
40	22	6	0	40	23	9	2
41	23	0	9	41	24	4	4
42	23	7	6	42	24	11	5
43	24	2	3	43	25	6	7
44	24	9	0	44	26	1	8
45	25	3	9	45	26	8	10
46	25	10	6	46	27	3	11
47	26	5	3	47	27	11	1
48	27	0	0	48	28	6	3
49	27	6	9	49	29	1	4
50	28	1	6	50	29	8	6

Ft. long	Side 9 ½			Ft. long	Side 9 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	7	6	1	0	7	11
2	1	3	0	2	1	3	10
3	1	10	6	3	1	11	9
4	2	6	1	4	2	7	8
5	3	1	7	5	3	3	7
6	3	9	1	6	3	11	6
7	4	4	7	7	4	7	5
8	5	0	2	8	5	3	4
9	5	7	8	9	5	11	3
10	6	3	2	10	6	7	2
11	6	10	8	11	7	3	1
12	7	6	3	12	7	11	0
13	8	1	9	13	8	6	11
14	8	9	3	14	9	2	10
15	9	4	9	15	9	10	9
16	10	0	4	16	10	6	9
17	10	7	10	17	11	2	8
18	11	3	4	18	11	10	7
19	11	10	10	19	12	6	6
20	12	6	5	20	13	2	5
21	13	1	11	21	13	10	4
22	13	9	5	22	14	6	3
23	14	4	11	23	15	2	2
24	15	0	6	24	15	10	1
25	15	8	0	25	16	6	0
26	16	3	6	26	17	1	11
27	16	11	0	27	17	9	10
28	17	6	7	28	18	5	9
29	18	2	1	29	19	1	8
30	18	9	7	30	19	9	7
31	19	5	1	31	20	5	6
32	20	0	8	32	21	1	6
33	20	8	2	33	21	9	5
34	21	3	8	34	22	5	4
35	21	11	2	35	23	1	3
36	22	6	9	36	23	9	2
37	23	2	3	37	24	5	1
38	23	9	9	38	25	1	0
39	24	5	3	39	25	8	11
40	25	0	10	40	26	4	10
41	25	8	4	41	27	0	9
42	26	3	10	42	27	8	8
43	26	11	4	43	28	4	7
44	27	6	11	44	29	0	6
45	28	2	5	45	29	8	5
46	28	9	11	46	30	4	4
47	29	5	5	47	31	0	3
48	30	1	0	48	31	8	3
49	30	8	6	49	32	4	2
50	31	4	0	50	33	0	1

Ft. long	Side 10 Inch.			Ft. long	Side 10 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	8	4	1	0	8	9
2	1	4	8	2	1	5	6
3	2	1	0	3	2	2	3
4	2	9	4	4	2	11	0
5	3	5	8	5	3	7	9
6	4	2	0	6	4	4	6
7	4	10	4	7	5	1	3
8	5	6	8	8	5	10	0
9	6	3	0	9	6	6	9
10	6	11	4	10	7	3	6
11	7	7	8	11	8	0	3
12	8	4	0	12	8	9	0
13	9	0	4	13	9	5	9
14	9	8	8	14	10	2	6
15	10	5	0	15	10	11	3
16	11	1	4	16	11	8	1
17	11	9	8	17	12	4	10
18	12	6	0	18	13	1	7
19	13	2	4	19	13	10	4
20	13	10	8	20	14	7	1
21	14	7	0	21	15	3	10
22	15	3	4	22	16	0	7
23	15	11	8	23	16	9	4
24	16	8	0	24	17	6	1
25	17	4	4	25	18	2	10
26	18	0	8	26	18	11	7
27	18	9	0	27	19	8	4
28	19	5	4	28	20	5	1
29	20	1	8	29	21	1	10
30	20	10	0	30	21	10	7
31	21	6	4	31	22	7	4
32	22	2	8	32	23	4	2
33	22	11	0	33	24	0	11
34	23	7	4	34	24	9	8
35	24	3	8	35	25	6	5
36	25	0	0	36	26	3	2
37	25	8	4	37	26	11	11
38	26	4	8	38	27	8	8
39	27	1	0	39	28	5	5
40	27	9	4	40	29	2	2
41	28	5	8	41	29	10	11
42	29	2	0	42	30	7	8
43	29	10	4	43	31	4	5
44	30	6	8	44	32	1	2
45	31	3	0	45	32	9	11
46	31	11	4	46	33	6	8
47	32	7	8	47	34	3	5
48	33	4	0	48	35	0	3
49	34	0	4	49	35	9	0
50	34	8	8	50	36	5	9

Ft. long	Side 10 ½			Ft. long	Side 10 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	9	2	1	0	9	7
2	1	6	4	2	1	7	3
3	2	3	6	3	2	4	10
4	3	0	9	4	3	2	6
5	3	9	11	5	4	0	1
6	4	7	1	6	4	9	9
7	5	4	3	7	5	7	4
8	6	1	6	8	6	5	0
9	6	10	8	9	7	2	8
10	7	7	10	10	8	0	3
11	8	5	0	11	8	9	11
12	9	2	3	12	9	7	6
13	9	11	5	13	10	5	2
14	10	8	7	14	11	2	9
15	11	5	9	15	12	0	5
16	12	3	0	16	12	10	1
17	13	0	2	17	13	7	8
18	13	9	4	18	14	5	4
19	14	6	6	19	15	2	11
20	15	3	9	20	16	0	7
21	16	0	11	21	16	10	2
22	16	10	1	22	17	7	10
23	17	7	3	23	18	5	5
24	18	4	6	24	19	3	1
25	19	1	8	25	20	0	9
26	19	10	10	26	20	10	4
27	20	8	0	27	21	8	0
28	21	5	3	28	22	5	7
29	22	2	5	29	23	3	3
30	22	11	7	30	24	0	10
31	23	8	9	31	24	10	6
32	24	6	0	32	25	8	2
33	25	3	2	33	26	5	9
34	26	0	4	34	27	3	5
35	26	9	6	35	28	1	0
36	27	6	9	36	28	10	8
37	28	3	11	37	29	8	3
38	29	1	1	38	30	5	11
39	29	10	3	39	31	3	6
40	30	7	6	40	32	1	2
41	31	4	8	41	32	10	10
42	32	1	10	42	33	8	5
43	32	11	0	43	34	6	1
44	33	8	3	44	35	3	8
45	34	5	5	45	36	1	4
46	35	2	7	46	36	10	11
47	35	11	9	47	37	8	7
48	36	9	0	48	38	6	3
49	37	6	2	49	39	3	10
50	38	3	4	50	40	1	6

Ft. long	Side 11 Incn.			Ft. long	Side 11 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	10	1	1	0	10	6
2	1	8	2	2	1	9	1
3	2	6	3	3	2	7	7
4	3	4	4	4	3	6	2
5	4	2	5	5	4	4	8
6	5	0	6	6	5	3	3
7	5	10	7	7	6	1	9
8	6	8	8	8	7	0	4
9	7	6	9	9	7	10	11
10	8	4	10	10	8	9	5
11	9	2	11	11	9	8	0
12	10	1	0	12	10	6	6
13	10	11	1	13	11	5	1
14	11	9	2	14	12	3	7
15	12	7	3	15	13	2	2
16	13	5	4	16	14	0	9
17	14	3	5	17	14	11	3
18	15	1	6	18	15	9	10
19	15	11	7	19	16	8	4
20	16	9	8	20	17	6	11
21	17	7	9	21	18	5	5
22	18	5	10	22	19	4	0
23	19	3	11	23	20	2	6
24	20	2	0	24	21	1	1
25	21	0	1	25	21	11	8
26	21	10	2	26	22	10	2
27	22	8	3	27	23	8	9
28	23	6	4	28	24	7	3
29	24	4	5	29	25	5	10
30	25	2	6	30	26	4	4
31	26	0	7	31	27	2	11
32	26	10	8	32	28	1	6
33	27	8	9	33	29	0	0
34	28	6	10	34	29	10	7
35	29	4	11	35	30	9	1
36	30	3	0	36	31	7	8
37	31	1	1	37	32	6	2
38	31	11	2	38	33	4	9
39	32	9	3	39	34	3	3
40	33	7	4	40	35	1	10
41	34	5	5	41	36	0	5
42	35	3	6	42	36	10	11
43	36	1	7	43	37	9	6
44	36	11	8	44	38	8	0
45	37	9	9	45	39	6	7
46	38	7	10	46	40	5	1
47	39	5	11	47	41	3	8
48	40	4	0	48	42	2	3
49	41	2	1	49	43	0	9
50	42	0	2	50	43	11	4

Ft. long	Side 11 ½			Ft. long	Side 11 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	11	0	1	0	11	6
2	1	10	0	2	1	11	0
3	2	9	0	3	2	10	6
4	3	8	1	4	3	10	0
5	4	7	1	5	4	9	6
6	5	6	1	6	5	9	0
7	6	5	1	7	6	8	6
8	7	4	2	8	7	8	0
9	8	3	2	9	8	7	6
10	9	2	2	10	9	7	0
11	10	1	2	11	10	6	6
12	11	0	3	12	11	6	0
13	11	11	3	13	12	5	6
14	12	10	3	14	13	5	0
15	13	9	3	15	14	4	6
16	14	8	4	16	15	4	1
17	15	7	4	17	16	3	7
18	16	6	4	18	17	3	1
19	17	5	4	19	18	2	7
20	18	4	5	20	19	2	1
21	19	3	5	21	20	1	7
22	20	2	5	22	21	1	1
23	21	1	5	23	22	0	7
24	22	0	6	24	23	0	1
25	22	11	6	25	23	11	7
26	23	10	6	26	24	11	1
27	24	9	6	27	25	10	7
28	25	8	7	28	26	10	1
29	26	7	7	29	27	9	7
30	27	6	7	30	28	9	1
31	28	5	7	31	29	8	7
32	29	4	8	32	30	8	2
33	30	3	8	33	31	7	8
34	31	2	8	34	32	7	8
35	32	1	8	35	33	6	8
36	33	0	9	36	34	6	2
37	33	11	9	37	35	5	8
38	34	10	9	38	36	5	2
39	35	9	9	39	37	4	8
40	36	8	10	40	38	4	2
41	37	7	10	41	39	3	8
42	38	6	10	42	40	3	2
43	39	5	10	43	41	2	8
44	40	4	11	44	42	2	2
45	41	3	11	45	43	1	8
46	42	2	11	46	44	1	2
47	43	1	11	47	45	0	8
48	44	1	0	48	46	0	3
49	45	0	0	49	46	11	9
50	45	11	0	50	47	11	3

Ft. long	Side 12 Inch.			Ft. long	Side 12 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	0	0	1	1	0	6
2	2	0	0	2	2	1	0
3	3	0	0	3	3	1	6
4	4	0	0	4	4	2	0
5	5	0	0	5	5	2	6
6	6	0	0	6	6	3	0
7	7	0	0	7	7	3	6
8	8	0	0	8	8	4	0
9	9	0	0	9	9	4	6
10	10	0	0	10	10	5	0
11	11	0	0	11	11	5	6
12	12	0	0	12	12	6	0
13	13	0	0	13	13	6	6
14	14	0	0	14	14	7	0
15	15	0	0	15	15	7	6
16	16	0	0	16	16	8	1
17	17	0	0	17	17	8	7
18	18	0	0	18	18	9	1
19	19	0	0	19	19	9	7
20	20	0	0	20	20	10	1
21	21	0	0	21	21	10	7
22	22	0	0	22	22	11	1
23	23	0	0	23	23	11	7
24	24	0	0	24	25	0	1
25	25	0	0	25	26	0	7
26	26	0	0	26	27	1	1
27	27	0	0	27	28	1	7
28	28	0	0	28	29	2	1
29	29	0	0	29	30	2	7
30	30	0	0	30	31	3	1
31	31	0	0	31	32	3	8
32	32	0	0	32	33	4	2
33	33	0	0	33	34	4	8
34	34	0	0	34	35	5	2
35	35	0	0	35	36	5	8
36	36	0	0	36	37	6	2
37	37	0	0	37	38	6	8
38	38	0	0	38	39	7	2
39	39	0	0	39	40	7	8
40	40	0	0	40	41	8	2
41	41	0	0	41	42	8	8
42	42	0	0	42	43	9	2
43	43	0	0	43	44	9	8
44	44	0	0	44	45	10	2
45	45	0	0	45	46	10	8
46	46	0	0	46	47	11	2
47	47	0	0	47	48	11	8
48	48	0	0	48	50	0	3
49	49	0	0	49	51	0	9
50	50	0	0	50	52	1	3

Ft. long	Side 12 ½			Ft. long	Side 12 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	1	0	1	1	1	6
2	2	2	0	2	2	3	1
3	3	3	0	3	3	4	7
4	4	4	1	4	4	6	2
5	5	5	1	5	5	7	8
6	6	6	1	6	6	9	3
7	7	7	1	7	7	10	9
8	8	8	2	8	9	0	4
9	9	9	2	9	10	1	11
10	10	10	2	10	11	3	5
11	11	11	2	11	12	5	0
12	13	0	3	12	13	6	6
13	14	1	3	13	14	8	1
14	15	2	3	14	15	9	7
15	16	3	3	15	16	11	2
16	17	4	4	16	18	0	9
17	18	5	4	17	19	2	3
18	19	6	4	18	20	3	10
19	20	7	4	19	21	5	4
20	21	8	5	20	22	6	11
21	22	9	5	21	23	8	5
22	23	10	5	22	24	10	0
23	24	11	5	23	25	11	6
24	26	0	6	24	27	1	1
25	27	1	6	25	28	2	8
26	28	2	6	26	29	4	2
27	29	3	6	27	30	5	9
28	30	4	7	28	31	7	3
29	31	5	7	29	32	8	10
30	32	6	7	30	33	10	4
31	33	7	7	31	34	11	11
32	34	8	8	32	36	1	6
33	35	9	8	33	37	3	0
34	36	10	8	34	38	4	7
35	37	11	8	35	39	6	1
36	39	0	9	36	40	7	8
37	40	1	9	37	41	9	2
38	41	2	9	38	42	10	9
39	42	3	9	39	44	0	3
40	43	4	10	40	45	1	10
41	44	5	10	41	46	3	5
42	45	6	10	42	47	4	11
43	46	7	10	43	48	6	6
44	47	8	11	44	49	8	0
45	48	9	11	45	50	9	7
46	49	10	11	46	51	11	1
47	50	11	11	47	53	0	8
48	52	1	0	48	54	2	3
49	53	2	0	49	55	3	9
50	54	3	0	50	56	5	4

Ft. long	Side 13 Inch.			Ft. long	Side 13 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	2	1	1	1	2	7
2	2	4	2	2	2	5	3
3	3	6	3	3	3	7	10
4	4	8	4	4	4	10	6
5	5	10	5	5	6	1	1
6	7	0	6	6	7	3	9
7	8	2	7	7	8	6	4
8	9	4	8	8	9	9	0
9	10	6	9	9	10	11	8
10	11	8	10	10	12	2	3
11	12	10	11	11	13	4	11
12	14	1	0	12	14	7	6
13	15	3	1	13	15	10	2
14	16	5	2	14	17	0	9
15	17	7	3	15	18	3	5
16	18	9	4	16	19	6	1
17	19	11	5	17	20	8	8
18	21	1	6	18	21	11	4
19	22	3	7	19	23	1	11
20	23	5	8	20	24	4	7
21	24	7	9	21	25	7	2
22	25	9	10	22	26	9	10
23	26	11	11	23	28	0	5
24	28	2	0	24	29	3	1
25	29	4	1	25	30	5	9
26	30	6	2	26	31	8	4
27	31	8	3	27	32	11	0
28	32	10	4	28	34	1	7
29	34	0	5	29	35	4	3
30	35	2	6	30	36	6	10
31	36	4	7	31	37	9	6
32	37	6	8	32	39	0	2
33	38	8	9	33	40	2	9
34	39	10	10	34	41	5	5
35	41	0	11	35	42	8	0
36	42	3	0	36	43	10	8
37	43	5	1	37	45	1	3
38	44	7	2	38	46	3	11
39	45	9	3	39	47	6	6
40	46	11	4	40	48	9	2
41	48	1	5	41	49	11	10
42	49	3	6	42	51	2	5
43	50	5	7	43	52	5	1
44	51	7	8	44	53	7	8
45	52	9	9	45	54	10	4
46	53	11	10	46	56	0	11
47	55	1	11	47	57	3	7
48	56	4	0	48	58	6	3
49	57	6	1	49	59	8	10
50	58	8	2	50	60	11	6

Ft. long	Side 13 ½			Ft. long	Side 13 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	3	2	1	1	3	9
2	2	6	4	2	2	7	6
3	3	9	6	3	3	11	3
4	5	0	9	4	5	2	0
5	6	3	11	5	6	6	9
6	7	7	1	6	7	10	6
7	8	10	3	7	9	2	3
8	10	1	6	8	10	6	0
9	11	4	8	9	11	9	9
10	12	7	10	10	13	1	6
11	13	11	0	11	14	5	3
12	15	2	3	12	15	9	0
13	16	5	5	13	17	0	9
14	17	8	7	14	18	4	6
15	18	11	9	15	19	8	3
16	20	3	0	16	21	0	1
17	21	6	2	17	22	3	10
18	22	9	4	18	23	7	7
19	24	0	6	19	24	11	4
20	25	3	9	20	26	3	1
21	26	6	11	21	27	6	10
22	27	10	1	22	28	10	7
23	29	1	3	23	30	2	4
24	30	4	6	24	31	6	1
25	31	7	8	25	32	9	10
26	32	10	10	26	34	1	7
27	34	2	0	27	35	5	4
28	35	5	3	28	36	9	1
29	36	8	5	29	38	0	10
30	37	11	7	30	39	4	7
31	39	2	9	31	40	8	4
32	40	6	0	32	42	0	2
33	41	9	2	33	43	3	11
34	43	0	4	34	44	7	8
35	44	3	6	35	45	11	5
36	45	6	9	36	47	3	2
37	46	9	11	37	48	6	11
38	48	1	1	38	49	10	8
39	49	4	3	39	51	2	5
40	50	7	6	40	52	6	2
41	51	10	8	41	53	9	11
42	53	1	10	42	55	1	8
43	54	5	0	43	56	5	5
44	55	8	3	44	57	9	2
45	56	11	5	45	59	0	11
46	58	2	7	46	60	4	8
47	59	5	9	47	61	8	5
48	60	9	0	48	63	0	3
49	62	0	2	49	64	4	0
50	63	3	4	50	65	7	9

Ft. long	Side 14 Inch.			Ft. long	Side 14 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	4	4	1	1	4	11
2	2	8	8	2	2	9	10
3	4	1	0	3	4	2	9
4	5	5	4	4	5	7	8
5	6	9	8	5	7	0	7
6	8	2	0	6	8	5	6
7	9	6	4	7	9	10	5
8	10	10	8	8	11	3	4
9	12	3	0	9	12	8	3
10	13	7	4	10	14	1	2
11	14	11	8	11	15	6	1
12	16	4	0	12	16	11	0
13	17	8	4	13	18	3	11
14	19	0	8	14	19	8	10
15	20	5	0	15	21	1	9
16	21	9	4	16	22	6	9
17	23	1	8	17	23	11	8
18	24	6	0	18	25	4	7
19	25	10	4	19	26	9	6
20	27	2	8	20	28	2	5
21	28	7	0	21	29	7	4
22	29	11	4	22	31	0	3
23	31	3	8	23	32	5	2
24	32	8	0	24	33	10	1
25	34	0	4	25	35	3	0
26	35	4	8	26	36	7	11
27	36	9	0	27	38	0	10
28	38	1	4	28	39	5	9
29	39	5	8	29	40	10	8
30	40	10	0	30	42	3	7
31	42	2	4	31	43	8	6
32	43	6	8	32	45	1	6
33	44	11	0	33	46	6	5
34	46	3	4	34	47	11	4
35	47	7	8	35	49	4	3
36	49	0	0	36	50	9	2
37	50	4	4	37	52	2	1
38	51	8	8	38	53	7	0
39	53	1	0	39	54	11	11
40	54	5	4	40	56	4	10
41	55	9	8	41	57	9	9
42	57	2	0	42	59	2	8
43	58	6	4	43	60	7	7
44	59	10	8	44	62	0	6
45	61	3	0	45	63	5	5
46	62	7	4	46	64	10	4
47	63	11	8	47	66	3	3
48	65	4	0	48	67	8	3
49	66	8	4	49	69	1	2
50	68	0	8	50	70	6	1

Ft. long	Side 14 ½			Ft. long	Side 14 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	5	6	1	1	6	1
2	2	11	0	2	3	0	3
3	4	4	6	3	4	6	4
4	5	10	1	4	6	0	6
5	7	3	7	5	7	6	7
6	8	9	1	6	9	0	9
7	10	2	7	7	10	6	10
8	11	8	2	8	12	1	0
9	13	1	8	9	13	7	2
10	14	7	2	10	15	1	3
11	16	0	8	11	16	7	5
12	17	6	3	12	18	1	6
13	18	11	9	13	19	7	8
14	20	5	3	14	21	1	9
15	21	10	9	15	22	7	11
16	23	4	4	16	24	2	1
17	24	9	10	17	25	8	2
18	26	3	4	18	27	2	4
19	27	8	10	19	28	8	5
20	29	2	5	20	30	2	7
21	30	7	11	21	31	8	8
22	32	1	5	22	33	2	10
23	33	6	11	23	34	8	11
24	35	0	6	24	36	3	1
25	36	6	0	25	37	9	3
26	37	11	6	26	39	3	4
27	39	5	0	27	40	9	6
28	40	10	7	28	42	3	7
29	42	4	1	29	43	9	9
30	43	9	7	30	45	3	10
31	45	3	1	31	46	10	0
32	46	8	8	32	48	4	2
33	48	2	2	33	49	10	3
34	49	7	8	34	51	4	5
35	51	1	2	35	52	10	6
36	52	6	9	36	54	4	8
37	54	0	3	37	55	10	9
38	55	5	9	38	57	4	11
39	56	11	3	39	58	11	0
40	58	4	10	40	60	5	2
41	59	10	4	41	61	11	4
42	61	3	10	42	63	5	5
43	62	9	4	43	64	11	7
44	64	2	11	44	66	5	8
45	65	8	5	45	67	11	10
46	67	1	11	46	69	5	11
47	68	7	5	47	71	0	1
48	70	1	0	48	72	6	3
49	71	6	6	49	74	1	4
50	73	0	0	50	75	6	6

Ft. long	Side 15 Inch.			Ft. long	Side 15 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	6	9	1	1	7	4
2	3	1	6	2	3	2	9
3	4	8	3	3	4	10	1
4	6	3	0	4	6	5	6
5	7	9	9	5	8	0	10
6	9	4	6	6	9	8	3
7	10	11	3	7	11	3	7
8	12	6	0	8	12	11	0
9	14	0	9	9	14	6	5
10	15	7	6	10	16	1	9
11	17	2	3	11	17	9	2
12	18	9	0	12	19	4	6
13	20	3	9	13	20	11	11
14	21	10	6	14	22	7	3
15	23	5	3	15	24	2	8
16	25	0	0	16	25	10	1
17	26	6	9	17	27	5	5
18	28	1	6	18	29	0	10
19	29	8	3	19	30	8	2
20	31	3	0	20	32	3	7
21	32	9	9	21	33	10	11
22	34	4	6	22	35	6	4
23	35	11	3	23	37	1	8
24	37	6	0	24	38	9	1
25	39	0	9	25	40	4	6
26	40	7	6	26	41	11	10
27	42	2	3	27	43	7	3
28	43	9	0	28	45	2	7
29	45	3	9	29	46	10	0
30	46	10	6	30	48	5	4
31	48	5	3	31	50	0	9
32	50	0	0	32	51	8	2
33	51	6	9	33	53	3	6
34	53	1	6	34	54	10	11
35	54	8	3	35	56	6	3
36	56	3	0	36	58	1	8
37	57	9	9	37	59	9	0
38	59	4	6	38	61	4	5
39	60	11	3	39	62	11	9
40	62	6	0	40	64	7	2
41	64	0	9	41	66	2	7
42	65	7	6	42	67	9	11
43	67	2	3	43	69	5	4
44	68	9	0	44	71	0	8
45	70	3	9	45	72	8	1
46	71	10	6	46	74	3	6
47	73	5	3	47	75	10	10
48	75	0	0	48	77	6	3
49	76	6	9	49	79	1	7
50	78	1	6	50	80	9	0

Ft. long	Side 15 ½			Ft. long	Side 15 ½		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	8	0	1	1	8	8
2	3	4	0	2	3	5	4
3	5	0	0	3	5	2	0
4	6	8	1	4	6	10	8
5	8	4	1	5	8	7	4
6	10	0	1	6	10	4	0
7	11	8	1	7	12	0	8
8	13	4	2	8	13	9	4
9	15	0	2	9	15	6	0
10	16	8	2	10	17	2	8
11	18	4	2	11	18	11	4
12	20	0	3	12	20	8	0
13	21	8	3	13	22	4	8
14	23	4	3	14	24	1	4
15	25	0	3	15	25	10	0
16	26	8	4	16	27	6	9
17	28	4	4	17	29	3	5
18	30	0	4	18	31	0	1
19	31	8	4	19	32	8	9
20	33	4	5	20	34	5	5
21	35	0	5	21	36	2	1
22	36	8	5	22	37	10	9
23	38	4	5	23	39	7	5
24	40	0	6	24	41	4	1
25	41	8	6	25	43	0	9
26	43	4	6	26	44	9	5
27	45	0	6	27	46	6	1
28	46	8	7	28	48	2	9
29	48	4	7	29	49	11	5
30	50	0	7	30	51	8	1
31	51	8	7	31	53	4	9
32	53	4	8	32	55	1	6
33	55	0	8	33	56	10	2
34	56	8	8	34	58	6	10
35	58	4	8	35	60	3	6
36	60	0	9	36	62	0	2
37	61	8	9	37	63	8	10
38	63	4	9	38	65	5	6
39	65	0	9	39	67	2	2
40	66	8	10	40	68	10	10
41	68	4	10	41	70	7	6
42	70	0	10	42	72	4	2
43	71	8	10	43	74	0	10
44	73	4	11	44	75	9	6
45	75	0	11	45	77	6	2
46	76	8	11	46	79	2	10
47	78	4	11	47	80	11	6
48	80	1	0	48	82	8	3
49	81	9	0	49	84	4	11
50	83	5	0	50	86	1	7

Ft. long	Side 16 Inch.			Ft. long	Side 16 ½		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	9	4	1	1	10	0
2	3	6	8	2	3	8	0
3	5	4	0	3	5	6	0
4	7	1	4	4	7	4	0
5	8	10	8	5	9	2	0
6	10	8	0	6	11	0	0
7	12	5	4	7	12	10	0
8	14	2	8	8	14	8	0
9	16	0	0	9	16	6	0
10	17	9	4	10	18	4	0
11	19	6	8	11	20	2	0
12	21	4	0	12	22	0	0
13	23	1	4	13	23	10	0
14	24	10	8	14	25	8	0
15	26	8	0	15	27	6	0
16	28	5	4	16	29	4	1
17	30	2	8	17	31	2	1
18	32	0	0	18	33	0	1
19	33	9	4	19	34	10	1
20	35	6	8	20	36	8	1
21	37	4	0	21	38	6	1
22	39	1	4	22	40	4	1
23	40	10	8	23	42	2	1
24	42	8	0	24	44	0	1
25	44	5	4	25	45	10	1
26	46	2	8	26	47	8	1
27	48	0	0	27	49	6	1
28	49	9	4	28	51	4	1
29	51	6	8	29	53	2	1
30	53	4	0	30	55	0	1
31	55	1	4	31	56	10	1
32	56	10	8	32	58	8	2
33	58	8	0	33	60	6	2
34	60	5	4	34	62	4	2
35	62	2	8	35	64	2	2
36	64	0	0	36	66	0	2
37	65	9	4	37	67	10	2
38	67	6	8	38	69	8	2
39	69	4	0	39	71	6	2
40	71	1	4	40	73	4	2
41	72	10	8	41	75	2	2
42	74	8	0	42	77	0	2
43	76	5	4	43	78	10	2
44	78	2	8	44	80	8	2
45	80	0	0	45	82	6	2
46	81	9	4	46	84	4	2
47	83	6	8	47	86	2	2
48	85	4	0	48	88	0	3
49	87	1	4	49	89	10	3
50	88	10	8	50	91	8	3

Ft. long	Side 16 ½			Ft. long	Side 16 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	10	8	1	1	11	4
2	3	9	4	2	3	10	9
3	5	8	0	3	5	10	1
4	7	6	9	4	7	9	6
5	9	5	5	5	9	8	10
6	11	4	1	6	11	8	3
7	13	2	9	7	13	7	7
8	15	1	6	8	15	7	0
9	17	0	2	9	17	6	5
10	18	10	10	10	19	5	9
11	20	9	6	11	21	5	2
12	22	8	3	12	23	4	6
13	24	6	11	13	25	3	11
14	26	5	7	14	27	3	3
15	28	4	3	15	29	2	8
16	30	3	0	16	31	2	1
17	32	1	8	17	33	1	5
18	34	0	4	18	35	0	10
19	35	11	0	19	37	0	2
20	37	9	9	20	38	11	7
21	39	8	5	21	40	10	11
22	41	7	1	22	42	10	4
23	43	5	9	23	44	9	8
24	45	4	6	24	46	9	1
25	47	3	2	25	48	8	6
26	49	1	10	26	50	7	10
27	51	0	6	27	52	7	3
28	52	11	3	28	54	6	7
29	54	9	11	29	56	6	0
30	56	8	7	30	58	5	4
31	58	7	3	31	60	4	9
32	60	6	0	32	62	4	2
33	62	4	8	33	64	3	6
34	64	3	4	34	66	2	11
35	66	2	0	35	68	2	3
36	68	0	9	36	70	1	8
37	69	11	5	37	72	1	0
38	71	10	1	38	74	0	5
39	73	8	9	39	75	11	9
40	75	7	6	40	77	11	2
41	77	6	2	41	79	10	7
42	79	4	10	42	81	9	11
43	81	3	6	43	83	9	4
44	83	2	3	44	85	8	8
45	85	0	11	45	87	8	1
46	86	11	7	46	89	7	5
47	88	10	3	47	91	6	10
48	90	9	0	48	93	6	3
49	92	7	8	49	95	5	7
50	94	6	4	50	97	5	0

Ft. long	Side 17 Inch.			Ft. long	Side 17 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	0	1	1	2	0	9
2	4	0	2	2	4	1	7
3	6	0	3	3	6	2	4
4	8	0	4	4	8	3	2
5	10	0	5	5	10	3	11
6	12	0	6	6	12	4	9
7	14	0	7	7	14	5	6
8	16	0	8	8	16	6	4
9	18	0	9	9	18	7	2
10	20	0	10	10	20	7	11
11	22	0	11	11	22	8	9
12	24	1	0	12	24	9	6
13	26	1	1	13	26	10	4
14	28	1	2	14	28	11	1
15	30	1	3	15	30	11	11
16	32	1	4	16	33	0	9
17	34	1	5	17	35	1	6
18	36	1	6	18	37	2	4
19	38	1	7	19	39	3	1
20	40	1	8	20	41	3	11
21	42	1	9	21	43	4	8
22	44	1	10	22	45	5	6
23	46	1	11	23	47	6	3
24	48	2	0	24	49	7	1
25	50	2	1	25	51	7	11
26	52	2	2	26	53	8	8
27	54	2	3	27	55	9	6
28	56	2	4	28	57	10	3
29	58	2	5	29	59	11	1
30	60	2	6	30	61	11	10
31	62	2	7	31	64	0	8
32	64	2	8	32	66	1	6
33	66	2	9	33	68	2	3
34	68	2	10	34	70	3	1
35	70	2	11	35	72	3	10
36	72	3	0	36	74	4	8
37	74	3	1	37	76	5	5
38	76	3	2	38	78	6	3
39	78	3	3	39	80	7	0
40	80	3	4	40	82	7	10
41	82	3	5	41	84	8	8
42	84	3	6	42	86	9	5
43	86	3	7	43	88	10	3
44	88	3	8	44	90	11	0
45	90	3	9	45	92	11	10
46	92	3	10	46	95	0	7
47	94	3	11	47	97	1	5
48	96	4	0	48	99	2	3
49	98	4	1	49	101	3	0
50	100	4	2	50	103	3	10

Ft. long	Side 17 ¼			Ft. long	Side 17 ¼		
	Ft.	In.	Pa		Ft.	In.	Pa
1	2	1	6	1	2	2	3
2	4	3	0	2	4	4	6
3	6	4	6	3	6	6	9
4	8	6	1	4	8	9	0
5	10	7	7	5	10	11	3
6	12	9	1	6	13	1	6
7	14	10	7	7	15	3	9
8	17	0	2	8	17	6	0
9	19	1	8	9	19	8	3
10	21	3	2	10	21	10	6
11	23	4	8	11	24	0	9
12	25	6	3	12	26	3	0
13	27	7	9	13	28	5	3
14	29	9	3	14	30	7	6
15	31	10	9	15	32	9	9
16	34	0	4	16	35	0	1
17	36	1	10	17	37	2	4
18	38	3	4	18	39	4	7
19	40	4	10	19	41	6	10
20	42	6	5	20	43	9	1
21	44	7	11	21	45	11	4
22	46	9	5	22	48	1	7
23	48	10	11	23	50	3	10
24	51	0	6	24	52	6	1
25	53	2	0	25	54	8	4
26	55	3	6	26	56	10	7
27	57	5	0	27	59	0	10
28	59	6	7	28	61	3	1
29	61	8	1	29	63	5	4
30	63	9	7	30	65	7	7
31	65	11	1	31	67	9	10
32	68	0	8	32	70	0	2
33	70	2	2	33	72	2	5
34	72	3	8	34	74	4	8
35	74	5	2	35	76	6	11
36	76	6	9	36	78	9	2
37	78	8	3	37	80	11	5
38	80	9	9	38	83	1	8
39	82	11	3	39	85	3	11
40	85	0	10	40	87	6	2
41	87	2	4	41	89	8	5
42	89	3	10	42	91	10	8
43	91	5	4	43	94	0	11
44	93	6	11	44	96	3	2
45	95	8	5	45	98	5	5
46	97	9	11	46	100	7	8
47	99	11	5	47	102	9	11
48	102	1	0	48	105	0	3
49	104	2	6	49	107	2	6
50	106	4	0	50	109	4	9

Ft. long	Side 18 Inch.			Ft. long	Side 18 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	3	0	1	2	3	9
2	4	6	0	2	4	7	6
3	6	9	0	3	6	11	3
4	9	0	0	4	9	3	0
5	11	3	0	5	11	6	9
6	13	6	0	6	13	10	6
7	15	9	0	7	16	2	3
8	18	0	0	8	18	6	0
9	20	3	0	9	20	9	9
10	22	6	0	10	23	1	6
11	24	9	0	11	25	5	3
12	27	0	0	12	27	9	0
13	29	3	0	13	30	0	9
14	31	6	0	14	32	4	6
15	33	9	0	15	34	8	3
16	36	0	0	16	37	0	1
17	38	3	0	17	39	3	10
18	40	6	0	18	41	7	7
19	42	9	0	19	43	11	4
20	45	0	0	20	46	3	1
21	47	3	0	21	48	6	10
22	49	6	0	22	50	10	7
23	51	9	0	23	53	2	4
24	54	0	0	24	55	6	1
25	56	3	0	25	57	9	10
26	58	6	0	26	60	1	7
27	60	9	0	27	62	5	4
28	63	0	0	28	64	9	1
29	65	3	0	29	67	0	10
30	67	6	0	30	69	4	7
31	69	9	0	31	71	8	4
32	72	0	0	32	74	0	2
33	74	3	0	33	76	3	11
34	76	6	0	34	78	7	8
35	78	9	0	35	80	11	5
36	81	0	0	36	83	3	2
37	83	3	0	37	85	6	11
38	85	6	0	38	87	10	8
39	87	9	0	39	90	2	5
40	90	0	0	40	92	6	2
41	92	3	0	41	94	9	11
42	94	6	0	42	97	1	8
43	96	9	0	43	99	5	5
44	99	0	0	44	101	9	2
45	101	3	0	45	104	0	11
46	103	6	0	46	106	4	8
47	105	9	0	47	108	8	5
48	108	0	0	48	111	0	3
49	110	3	0	49	113	4	0
50	112	6	0	50	115	7	9

Ft. long	Side 18 ½			Ft. long	Side 18 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	4	6	1	2	5	3
2	4	9	0	2	4	10	7
3	7	1	6	3	7	3	10
4	9	6	1	4	9	9	2
5	11	10	7	5	12	2	5
6	14	3	1	6	14	7	9
7	16	7	7	7	17	1	0
8	19	0	2	8	19	6	4
9	21	4	8	9	21	11	8
10	23	9	2	10	24	4	11
11	26	1	8	11	26	10	3
12	28	6	3	12	29	3	6
13	30	10	9	13	31	8	10
14	33	3	3	14	34	2	1
15	35	7	9	15	36	7	5
16	38	0	4	16	39	0	9
17	40	4	10	17	41	6	0
18	42	9	4	18	43	11	4
19	45	1	10	19	46	4	7
20	47	6	5	20	48	9	11
21	49	10	11	21	51	3	2
22	52	3	5	22	53	8	6
23	54	7	11	23	56	1	9
24	57	0	6	24	58	7	1
25	59	5	0	25	61	0	5
26	61	9	6	26	63	5	8
27	64	2	0	27	65	11	0
28	66	6	7	28	68	4	3
29	68	11	1	29	70	9	7
30	71	3	7	30	73	2	10
31	73	8	1	31	75	8	2
32	76	0	8	32	78	1	6
33	78	5	2	33	80	6	9
34	80	9	8	34	83	0	1
35	83	2	2	35	85	5	4
36	85	6	9	36	87	10	8
37	87	11	3	37	90	3	11
38	90	3	9	38	92	9	3
39	92	8	3	39	95	2	6
40	95	0	10	40	97	7	10
41	97	5	4	41	100	1	2
42	99	9	10	42	102	6	5
43	102	2	4	43	104	11	9
44	104	6	11	44	107	5	0
45	106	11	5	45	109	10	4
46	109	3	11	46	112	3	7
47	111	8	5	47	114	8	11
48	114	1	0	48	117	2	3
49	116	5	6	49	119	7	6
50	118	10	0	50	122	0	10

Ft. long	Side 19 Inch.			Ft. long	Side 19 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	6	1	1	2	6	10
2	5	0	2	2	5	1	9
3	7	6	3	3	7	8	7
4	10	0	4	4	10	3	6
5	12	6	5	5	12	10	4
6	15	0	6	6	15	5	3
7	17	6	7	7	18	0	1
8	20	0	8	8	20	7	0
9	22	6	9	9	23	1	11
10	25	0	10	10	25	8	9
11	27	6	11	11	28	3	8
12	30	1	0	12	30	10	6
13	32	7	1	13	33	5	5
14	35	1	2	14	36	0	3
15	37	7	3	15	38	7	2
16	40	1	4	16	41	2	1
17	42	7	5	17	43	8	11
18	45	1	6	18	46	3	10
19	47	7	7	19	48	10	8
20	50	1	8	20	51	5	7
21	52	7	9	21	54	0	5
22	55	1	10	22	56	7	4
23	57	7	11	23	59	2	2
24	60	2	0	24	61	9	1
25	62	8	1	25	64	4	0
26	65	2	2	26	66	10	10
27	67	8	3	27	69	5	9
28	70	2	4	28	72	0	7
29	72	8	5	29	74	7	6
30	75	2	6	30	77	2	4
31	77	8	7	31	79	9	3
32	80	2	8	32	82	4	2
33	82	8	9	33	84	11	0
34	85	2	10	34	87	5	11
35	87	8	11	35	90	0	3
36	90	3	0	36	92	7	8
37	92	9	1	37	95	2	6
38	95	3	2	38	97	9	5
39	97	9	3	39	100	4	3
40	100	3	4	40	102	11	2
41	102	9	5	41	105	6	1
42	105	3	6	42	108	0	11
43	107	9	7	43	110	7	10
44	110	3	8	44	113	2	8
45	112	9	9	45	115	9	7
46	115	3	10	46	118	4	5
47	117	9	11	47	120	11	4
48	120	4	0	48	123	6	3
49	122	10	1	49	126	1	1
50	125	4	2	50	128	8	0

Ft. long	Side 19 ½			Ft. long	Side 19 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	7	8	1	2	8	6
2	5	3	4	2	5	5	0
3	7	11	0	3	8	1	6
4	10	6	9	4	10	10	0
5	13	2	5	5	13	6	6
6	15	10	1	6	16	3	0
7	18	5	9	7	18	11	6
8	21	1	6	8	21	8	0
9	23	9	2	9	24	4	6
10	26	4	10	10	27	1	0
11	29	0	6	11	29	9	6
12	31	8	3	12	32	6	0
13	34	3	11	13	35	2	6
14	36	11	7	14	37	11	0
15	39	7	3	15	40	7	6
16	42	3	0	16	43	4	1
17	44	10	8	17	46	0	7
18	47	6	4	18	48	9	1
19	50	2	0	19	51	5	7
20	52	9	9	20	54	2	1
21	55	5	5	21	56	10	7
22	58	1	1	22	59	7	1
23	60	8	9	23	62	3	7
24	63	4	6	24	65	0	1
25	66	0	2	25	67	8	7
26	68	7	10	26	70	5	1
27	71	3	6	27	73	1	7
28	73	11	3	28	75	10	1
29	76	6	11	29	78	6	7
30	79	2	7	30	81	3	1
31	81	10	3	31	83	11	7
32	84	6	0	32	86	8	2
33	87	1	8	33	89	4	8
34	89	9	4	34	92	1	2
35	92	5	0	35	94	9	8
36	95	0	9	36	97	6	2
37	97	8	5	37	100	2	8
38	100	4	1	38	102	11	2
39	102	11	9	39	105	7	8
40	105	7	6	40	108	4	2
41	108	3	2	41	111	0	8
42	110	10	10	42	113	9	2
43	113	6	6	43	116	5	8
44	116	2	3	44	119	2	2
45	118	9	11	45	121	10	8
46	121	5	7	46	124	7	2
47	124	1	3	47	127	3	8
48	126	9	0	48	130	0	3
49	129	4	8	49	133	8	9
50	132	0	4	50	135	5	3

Ft. long	Side 20 Inch.			Ft. long	Side 20 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	9	4	1	2	10	2
2	5	6	8	2	5	8	4
3	8	4	0	3	8	6	6
4	11	1	4	4	11	4	8
5	13	10	8	5	14	2	10
6	16	8	0	6	17	1	0
7	19	5	4	7	19	11	2
8	22	2	8	8	22	9	4
9	25	0	0	9	25	7	6
10	27	9	4	10	28	5	8
11	30	6	8	11	31	3	10
12	33	4	0	12	34	2	0
13	36	1	4	13	37	0	2
14	38	10	8	14	39	10	4
15	41	8	0	15	42	8	6
16	44	5	4	16	45	6	9
17	47	2	8	17	48	4	11
18	50	0	0	18	51	3	1
19	52	9	4	19	54	1	3
20	55	6	8	20	56	11	5
21	58	4	0	21	59	9	7
22	61	1	4	22	62	7	9
23	63	10	8	23	65	5	11
24	66	8	0	24	68	4	1
25	69	5	4	25	71	2	3
26	72	2	8	26	74	0	5
27	75	0	0	27	76	10	7
28	77	9	4	28	79	8	9
29	80	6	8	29	82	6	11
30	83	4	0	30	85	5	1
31	86	1	4	31	88	3	3
32	88	10	8	32	91	1	6
33	91	8	0	33	93	11	8
34	94	5	4	34	96	9	10
35	97	2	8	35	99	8	0
36	100	0	0	36	102	6	2
37	102	9	4	37	105	4	4
38	105	6	8	38	108	2	6
39	108	4	0	39	111	0	8
40	111	1	4	40	113	10	10
41	113	10	8	41	116	9	0
42	116	8	0	42	119	7	2
43	119	5	4	43	122	5	4
44	122	2	8	44	125	3	6
45	125	0	0	45	128	1	8
46	127	9	4	46	130	11	10
47	130	6	8	47	133	10	0
48	133	4	0	48	136	8	3
49	136	1	4	49	139	6	5
50	138	10	8	50	142	4	7

Ft. long	Side 20 ½			Ft. long	Side 20 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	11	0	1	2	11	10
2	5	10	0	2	5	11	9
3	8	9	0	3	8	11	7
4	11	8	1	4	11	11	6
5	14	7	1	5	14	11	4
6	17	6	1	6	17	11	3
7	20	5	1	7	20	11	1
8	23	4	2	8	23	11	0
9	26	3	2	9	26	10	11
10	29	2	2	10	29	10	9
11	32	1	2	11	32	10	8
12	35	0	3	12	35	10	6
13	37	11	3	13	38	10	5
14	40	10	3	14	41	10	3
15	43	9	3	15	44	10	2
16	46	8	4	16	47	10	1
17	49	7	4	17	50	9	11
18	52	6	4	18	53	9	10
19	55	5	4	19	56	9	8
20	58	4	5	20	59	9	7
21	61	3	5	21	62	9	5
22	64	2	5	22	65	9	4
23	67	1	5	23	68	9	2
24	70	0	6	24	71	9	1
25	72	11	6	25	74	9	0
26	75	10	6	26	77	8	10
27	78	9	6	27	80	8	9
28	81	8	7	28	83	8	7
29	84	7	7	29	86	8	6
30	87	6	7	30	89	8	4
31	90	5	7	31	92	8	3
32	93	4	8	32	95	8	2
33	96	3	8	33	98	8	0
34	99	2	8	34	101	7	11
35	102	1	8	35	104	7	9
36	105	0	9	36	107	7	8
37	107	11	9	37	110	7	6
38	110	10	9	38	113	7	5
39	113	9	9	39	116	7	3
40	116	8	10	40	119	7	2
41	119	7	10	41	122	7	1
42	122	6	10	42	125	6	11
43	125	5	10	43	128	6	10
44	128	4	11	44	131	6	8
45	131	3	11	45	134	6	7
46	134	2	11	46	137	6	5
47	137	1	11	47	140	6	4
48	140	1	0	48	143	6	3
49	143	0	0	49	146	6	1
50	145	11	0	50	149	6	0

Ft. long	Side 21 Inch.			Ft. long	Side 21 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	0	9	1	3	1	7
2	6	1	6	2	6	3	3
3	9	2	3	3	9	4	10
4	12	3	0	4	12	6	6
5	15	3	9	5	15	8	1
6	18	4	6	6	18	9	9
7	21	5	3	7	21	11	4
8	24	6	0	8	25	1	0
9	27	6	9	9	28	2	8
10	30	7	6	10	31	4	3
11	33	8	3	11	34	5	11
12	36	9	0	12	37	7	6
13	39	9	9	13	40	9	2
14	42	10	6	14	43	10	9
15	45	11	3	15	47	0	5
16	49	0	0	16	50	2	1
17	52	0	9	17	53	3	8
18	55	1	6	18	56	5	4
19	58	2	3	19	59	6	11
20	61	3	0	20	62	8	7
21	64	3	9	21	65	10	2
22	67	4	6	22	68	11	10
23	70	5	3	23	72	1	5
24	73	6	0	24	75	3	1
25	76	6	9	25	78	4	9
26	79	7	6	26	81	6	4
27	82	8	3	27	84	8	0
28	85	9	0	28	87	9	7
29	88	9	9	29	90	11	3
30	91	10	6	30	94	0	10
31	94	11	3	31	97	2	6
32	98	0	0	32	100	4	2
33	101	0	9	33	103	5	9
34	104	1	6	34	106	7	5
35	107	2	3	35	109	9	0
36	110	3	0	36	112	10	8
37	113	3	9	37	116	0	3
38	116	4	6	38	119	1	11
39	119	5	3	39	122	3	6
40	122	6	0	40	125	5	2
41	125	6	9	41	128	6	10
42	128	7	6	42	131	8	5
43	131	8	3	43	134	10	1
44	134	9	0	44	137	11	8
45	137	9	9	45	141	1	4
46	140	10	6	46	144	2	11
47	143	11	3	47	147	4	7
48	147	0	0	48	150	6	3
49	150	0	9	49	153	7	10
50	153	1	6	50	156	9	6

Ft. long	Side 21 $\frac{1}{2}$ Ft.	In.	Pa.	Ft. long	Side 21 $\frac{3}{4}$ Ft.	In.	Pa.
1	3	2	6	1	3	3	5
2	6	5	0	2	6	6	10
3	9	7	6	3	9	10	3
4	12	10	1	4	13	1	8
5	16	0	7	5	16	5	1
6	19	3	1	6	19	8	6
7	22	5	7	7	22	11	11
8	25	8	2	8	26	3	4
9	28	10	8	9	29	6	9
10	32	1	2	10	32	10	2
11	35	3	8	11	36	1	7
12	38	6	3	12	39	5	0
13	41	8	9	13	42	8	5
14	44	11	3	14	45	11	10
15	48	1	9	15	49	3	3
16	51	4	4	16	52	6	9
17	54	6	10	17	55	10	2
18	57	9	4	18	59	1	7
19	60	11	10	19	62	5	0
20	64	2	5	20	65	8	5
21	67	4	11	21	68	11	10
22	70	7	5	22	72	3	3
23	73	9	11	23	75	6	8
24	77	0	6	24	78	10	1
25	80	3	0	25	82	1	6
26	83	5	6	26	85	4	11
27	86	8	0	27	88	8	4
28	89	10	7	28	91	11	9
29	93	1	1	29	95	3	2
30	96	3	7	30	98	6	7
31	99	6	1	31	101	10	0
32	102	8	8	32	105	1	6
33	105	11	2	33	108	4	11
34	109	1	8	34	111	8	4
35	112	4	2	35	114	11	9
36	115	6	9	36	118	3	2
37	118	9	3	37	121	6	7
38	121	11	9	38	124	10	0
39	125	2	3	39	128	1	5
40	128	4	10	40	131	4	10
41	131	7	4	41	134	8	3
42	134	9	10	42	137	11	8
43	138	0	4	43	141	3	1
44	141	2	11	44	144	6	6
45	144	5	5	45	147	9	11
46	147	7	11	46	151	1	4
47	150	10	5	47	154	4	9
48	154	1	0	48	157	8	3
49	157	3	6	49	160	11	8
50	160	6	0	50	164	3	1

Ft. long	Side 22 Inch.			Ft. long	Side 22 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	4	4	1	3	5	3
2	6	8	8	2	6	10	6
3	10	1	0	3	10	3	9
4	13	5	4	4	13	9	0
5	16	9	8	5	17	2	3
6	20	2	0	6	20	7	6
7	23	6	4	7	24	0	9
8	26	10	8	8	27	6	0
9	30	3	0	9	30	11	3
10	33	7	4	10	34	4	6
11	36	11	8	11	37	9	9
12	40	4	0	12	41	3	0
13	43	8	4	13	44	8	3
14	47	0	8	14	48	1	6
15	50	5	0	15	51	6	9
16	53	9	4	16	55	0	1
17	57	1	8	17	58	5	4
18	60	6	0	18	61	10	7
19	63	10	4	19	65	3	10
20	67	2	8	20	68	9	1
21	70	7	0	21	72	2	4
22	73	11	4	22	75	7	7
23	77	3	8	23	79	0	10
24	80	8	0	24	82	6	1
25	84	0	4	25	85	11	4
26	87	4	8	26	89	4	7
27	90	9	0	27	92	9	10
28	94	1	4	28	96	3	1
29	97	5	8	29	99	8	4
30	100	10	0	30	103	1	7
31	104	2	4	31	106	6	10
32	107	6	8	32	110	0	2
33	110	11	0	33	113	5	5
34	114	3	4	34	116	10	8
35	117	7	8	35	120	3	11
36	121	0	0	36	123	9	2
37	124	4	4	37	127	2	5
38	127	8	8	38	130	7	8
39	131	1	0	39	134	0	11
40	134	5	4	40	137	6	2
41	137	9	8	41	140	11	5
42	141	2	0	42	144	4	8
43	144	6	4	43	147	9	11
44	147	10	8	44	151	3	2
45	151	3	0	45	154	8	5
46	154	7	4	46	158	1	8
47	157	11	8	47	161	6	11
48	161	4	0	48	165	0	3
49	164	8	4	49	168	5	6
50	168	0	8	50	171	10	9

Ft. long	Side 22 ½			Ft. long	Side 22 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	6	2	1	3	7	1
2	7	0	4	2	7	2	3
3	10	6	6	3	10	9	4
4	14	0	9	4	14	4	6
5	17	6	11	5	17	11	7
6	21	1	1	6	21	6	9
7	24	7	3	7	25	1	10
8	28	1	6	8	28	9	0
9	31	7	8	9	32	4	2
10	35	1	10	10	35	11	3
11	38	8	0	11	39	6	5
12	42	2	3	12	43	1	6
13	45	8	5	13	46	8	8
14	49	2	7	14	50	3	9
15	52	8	9	15	53	10	11
16	56	3	0	16	57	6	1
17	59	9	2	17	61	1	2
18	63	3	4	18	64	8	4
19	66	9	6	19	68	3	5
20	70	3	9	20	71	10	7
21	73	9	11	21	75	5	8
22	77	4	1	22	79	0	10
23	80	10	3	23	82	7	11
24	84	4	6	24	86	3	1
25	87	10	8	25	89	10	3
26	91	4	10	26	93	5	4
27	94	11	0	27	97	0	6
28	98	5	3	28	100	7	7
29	101	11	5	29	104	2	9
30	105	5	7	30	107	9	10
31	108	11	9	31	111	5	0
32	112	6	0	32	115	0	2
33	116	0	2	33	118	7	3
34	119	6	4	34	122	2	5
35	123	0	6	35	125	9	6
36	126	6	9	36	129	4	8
37	130	0	11	37	132	11	9
38	133	7	1	38	136	6	11
39	137	1	3	39	140	2	0
40	140	7	6	40	143	9	2
41	144	1	8	41	147	4	4
42	147	7	10	42	150	11	5
43	151	2	0	43	154	6	7
44	154	8	3	44	158	1	8
45	158	2	5	45	161	8	10
46	161	8	7	46	165	3	11
47	165	2	9	47	168	11	1
48	168	9	0	48	172	6	3
49	172	3	2	49	176	1	4
50	175	9	4	50	179	8	6

Ft. long	Side 23 Inch.			Ft. long	Side 23 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	8	1	1	3	9	0
2	7	4	2	2	7	6	1
3	11	0	3	3	11	3	1
4	14	8	4	4	15	0	2
5	18	4	5	5	18	9	2
6	22	0	6	6	22	6	3
7	25	8	7	7	26	3	3
8	29	4	8	8	30	0	4
9	33	0	9	9	33	9	5
10	36	8	10	10	37	6	5
11	40	4	11	11	41	3	6
12	44	1	0	12	45	0	6
13	47	9	1	13	48	9	7
14	51	5	2	14	52	6	7
15	55	1	3	15	56	3	8
16	58	9	4	16	60	0	9
17	62	5	5	17	63	9	9
18	66	1	6	18	67	6	10
19	69	9	7	19	71	3	10
20	73	5	8	20	75	0	11
21	77	1	9	21	78	9	11
22	80	9	10	22	82	7	0
23	84	5	11	23	86	4	0
24	88	2	0	24	90	1	1
25	91	10	1	25	93	10	2
26	95	6	2	26	97	7	2
27	99	2	3	27	101	4	3
28	102	10	4	28	105	1	3
29	106	6	5	29	108	10	4
30	110	2	6	30	112	7	4
31	113	10	7	31	116	4	5
32	117	6	8	32	120	1	6
33	121	2	9	33	123	10	6
34	124	10	10	34	127	7	7
35	128	6	11	35	131	4	7
36	132	3	0	36	135	1	8
37	135	11	1	37	138	10	8
38	139	7	2	38	142	7	9
39	143	3	3	39	146	4	9
40	146	11	4	40	150	1	10
41	150	7	5	41	153	10	11
42	154	3	6	42	157	7	11
43	157	11	7	43	161	5	0
44	161	7	8	44	165	2	0
45	165	3	9	45	168	11	1
46	168	11	10	46	172	8	1
47	172	7	11	47	176	5	2
48	176	4	0	48	180	2	3
49	180	0	1	49	183	11	3
50	183	8	2	50	187	8	4

Ft. long	Side 23 ½			Ft. long	Side 23 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	3	10	0	1	3	11	0
2	7	8	0	2	7	10	0
3	11	6	0	3	11	9	0
4	15	4	1	4	15	8	0
5	19	2	1	5	19	7	0
6	23	0	1	6	23	6	0
7	26	10	1	7	27	5	0
8	30	8	2	8	31	4	0
9	34	6	2	9	35	3	0
10	38	4	2	10	39	2	0
11	42	2	2	11	43	1	0
12	46	0	3	12	47	0	0
13	49	10	3	13	50	11	0
14	53	8	3	14	54	10	0
15	57	6	3	15	58	9	0
16	61	4	4	16	62	8	1
17	65	2	4	17	66	7	1
18	69	0	4	18	70	6	1
19	72	10	4	19	74	5	1
20	76	8	5	20	78	4	1
21	80	6	5	21	82	3	1
22	84	4	5	22	86	2	1
23	88	2	5	23	90	1	1
24	92	0	6	24	94	0	1
25	95	10	6	25	97	11	1
26	99	8	6	26	101	10	1
27	103	6	6	27	105	9	1
28	107	4	7	28	109	8	1
29	111	2	7	29	113	7	1
30	115	0	7	30	117	6	1
31	118	10	7	31	121	5	1
32	122	8	8	32	125	4	2
33	126	6	8	33	129	3	2
34	130	4	8	34	133	2	2
35	134	2	8	35	137	1	2
36	138	0	9	36	141	0	2
37	141	10	9	37	144	11	2
38	145	8	9	38	148	10	2
39	149	6	9	39	152	9	2
40	153	4	10	40	156	8	2
41	157	2	10	41	160	7	2
42	161	0	10	42	164	6	2
43	164	10	10	43	168	5	2
44	168	8	11	44	172	4	2
45	172	6	11	45	176	3	2
46	176	4	11	46	180	2	2
47	180	2	11	47	184	1	2
48	184	1	0	48	188	0	3
49	187	11	0	49	191	11	3
50	191	9	0	50	195	10	3

Ft. long	Side 24 Inch.			Ft. long	Side 24 ½		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	0	0	1	4	1	0
2	8	0	0	2	8	2	0
3	12	0	0	3	12	3	0
4	16	0	0	4	16	4	0
5	20	0	0	5	20	5	0
6	24	0	0	6	24	6	0
7	28	0	0	7	28	7	0
8	32	0	0	8	32	8	0
9	36	0	0	9	36	9	0
10	40	0	0	10	40	10	0
11	44	0	0	11	44	11	0
12	48	0	0	12	49	0	0
13	52	0	0	13	53	1	0
14	56	0	0	14	57	2	0
15	60	0	0	15	61	3	0
16	64	0	0	16	65	4	1
17	68	0	0	17	69	5	1
18	72	0	0	18	73	6	1
19	76	0	0	19	77	7	1
20	80	0	0	20	81	8	1
21	84	0	0	21	85	9	1
22	88	0	0	22	89	10	1
23	92	0	0	23	93	11	1
24	96	0	0	24	98	0	1
25	100	0	0	25	102	1	1
26	104	0	0	26	106	2	1
27	108	0	0	27	110	3	1
28	112	0	0	28	114	4	1
29	116	0	0	29	118	5	1
30	120	0	0	30	122	6	1
31	124	0	0	31	126	7	1
32	128	0	0	32	130	8	2
33	132	0	0	33	134	9	2
34	136	0	0	34	138	10	2
35	140	0	0	35	142	11	2
36	144	0	0	36	147	0	2
37	148	0	0	37	151	1	2
38	152	0	0	38	155	2	2
39	156	0	0	39	159	3	2
40	160	0	0	40	163	4	2
41	164	0	0	41	167	5	2
42	168	0	0	42	171	6	2
43	172	0	0	43	175	7	2
44	176	0	0	44	179	8	2
45	180	0	0	45	183	9	2
46	184	0	0	46	187	10	2
47	188	0	0	47	191	11	2
48	192	0	0	48	196	0	3
49	196	0	0	49	200	1	3
50	200	0	0	50	204	2	3

Ft. long	Side 24 ½			Ft. long	Side 24 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	2	0	1	4	3	0
2	8	4	0	2	8	6	1
3	12	6	0	3	12	9	1
4	16	8	1	4	17	0	2
5	20	10	1	5	21	3	2
6	25	0	1	6	25	6	3
7	29	2	1	7	29	9	3
8	33	4	2	8	34	0	4
9	37	6	2	9	38	3	5
10	41	8	2	10	42	6	5
11	45	10	2	11	46	9	6
12	50	0	3	12	51	0	6
13	54	2	3	13	55	3	7
14	58	4	3	14	59	6	7
15	62	6	3	15	63	9	8
16	66	8	4	16	68	0	9
17	70	10	4	17	72	3	9
18	75	0	4	18	76	6	10
19	79	2	4	19	80	9	10
20	83	4	5	20	85	0	11
21	87	6	5	21	89	3	11
22	91	8	5	22	93	7	0
23	95	10	5	23	97	10	0
24	100	0	6	24	102	1	1
25	104	2	6	25	106	4	2
26	108	4	6	26	110	7	2
27	112	6	6	27	114	10	3
28	116	8	7	28	119	1	3
29	120	10	7	29	123	4	4
30	125	0	7	30	127	7	4
31	129	2	7	31	131	10	5
32	133	4	8	32	136	1	6
33	137	6	8	33	140	4	6
34	141	8	8	34	144	7	7
35	145	10	8	35	148	10	7
36	150	0	9	36	153	1	8
37	154	2	9	37	157	4	8
38	158	4	9	38	161	7	9
39	162	6	9	39	165	10	9
40	166	8	10	40	170	1	10
41	170	10	10	41	174	4	11
42	175	0	10	42	178	7	11
43	179	2	10	43	182	11	0
44	183	4	11	44	187	2	0
45	187	6	11	45	191	5	1
46	191	8	11	46	195	8	1
47	195	10	11	47	199	11	2
48	200	1	0	48	204	2	3
49	204	3	0	49	208	5	3
50	208	5	0	50	212	8	4

Ft. long	Side 25 Inch.			Ft. long	Side 25 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	4	1	1	4	5	1
2	8	8	2	2	8	10	3
3	13	0	3	3	13	3	4
4	17	4	4	4	17	8	6
5	21	8	5	5	22	1	7
6	26	0	6	6	26	6	9
7	30	4	7	7	30	11	10
8	34	8	8	8	35	5	0
9	39	0	9	9	39	10	2
10	43	4	10	10	44	3	3
11	47	8	11	11	48	8	5
12	52	1	0	12	53	1	6
13	56	5	1	13	57	6	8
14	60	9	2	14	61	11	9
15	65	1	3	15	66	4	11
16	69	5	4	16	70	10	1
17	73	9	5	17	75	3	2
18	78	1	6	18	79	8	4
19	82	5	7	19	84	1	5
20	86	9	8	20	88	6	7
21	91	1	9	21	92	11	8
22	95	5	10	22	97	4	10
23	99	9	11	23	101	9	11
24	104	2	0	24	106	3	1
25	108	6	1	25	110	8	3
26	112	10	2	26	115	1	4
27	117	2	3	27	119	6	6
28	121	6	4	28	123	11	7
29	125	10	5	29	128	4	9
30	130	2	6	30	132	9	10
31	134	6	7	31	137	3	0
32	138	10	8	32	141	8	2
33	143	2	9	33	146	1	3
34	147	6	10	34	150	6	5
35	151	10	11	35	154	11	6
36	156	3	0	36	159	4	8
37	160	7	1	37	163	9	9
38	164	11	2	38	168	2	11
39	169	3	3	39	172	8	0
40	173	7	4	40	177	1	2
41	177	11	5	41	181	6	4
42	182	3	6	42	185	11	5
43	186	7	7	43	190	4	7
44	190	11	8	44	194	9	8
45	195	3	9	45	199	2	10
46	199	7	10	46	203	7	11
47	203	11	11	47	208	1	1
48	208	4	0	48	212	6	3
49	212	8	1	49	216	11	4
50	217	0	2	50	221	4	6

Ft. long	Side 25 ½			Ft. long	Side 25 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	6	2	1	4	7	3
2	9	0	4	2	9	2	6
3	13	6	6	3	13	9	9
4	18	0	9	4	18	5	0
5	22	6	11	5	23	0	3
6	27	1	1	6	27	7	6
7	31	7	3	7	32	2	9
8	36	1	6	8	36	10	0
9	40	7	8	9	41	5	3
10	45	1	10	10	46	0	6
11	49	8	0	11	50	7	9
12	54	2	3	12	55	3	0
13	58	8	5	13	59	10	3
14	63	2	7	14	64	5	6
15	67	8	9	15	69	0	9
16	72	3	0	16	73	8	1
17	76	9	2	17	78	3	4
18	81	3	4	18	82	10	7
19	85	9	6	19	87	5	10
20	90	3	9	20	92	1	1
21	94	9	11	21	96	8	4
22	99	4	1	22	101	3	7
23	103	10	3	23	105	10	10
24	108	4	6	24	110	6	1
25	112	10	8	25	115	1	4
26	117	4	10	26	119	8	7
27	121	11	0	27	124	3	10
28	126	5	3	28	128	11	1
29	130	11	5	29	133	6	4
30	135	5	7	30	138	1	7
31	139	11	9	31	142	8	10
32	144	6	0	32	147	4	2
33	149	0	2	33	151	11	5
34	153	6	4	34	156	6	8
35	158	0	6	35	161	1	11
36	162	6	9	36	165	9	2
37	167	0	11	37	170	4	5
38	171	7	1	38	174	11	8
39	176	1	3	39	179	6	11
40	180	7	6	40	184	2	2
41	185	1	8	41	188	9	5
42	189	7	10	42	193	4	8
43	194	2	0	43	197	11	11
44	198	8	3	44	202	7	2
45	203	2	5	45	207	2	5
46	207	8	7	46	211	9	8
47	212	2	9	47	216	4	11
48	216	9	0	48	221	0	3
49	221	3	2	49	225	7	6
50	225	9	4	50	230	2	9

Ft. long	Side 26 Inch.			Ft. long	Side 26 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	8	4	1	4	9	5
2	9	4	8	2	9	6	10
3	14	1	0	3	14	4	3
4	18	9	4	4	19	1	8
5	23	5	8	5	23	11	1
6	28	2	0	6	28	8	6
7	32	10	4	7	33	5	11
8	37	6	8	8	38	3	4
9	42	3	0	9	43	0	9
10	46	11	4	10	47	10	2
11	51	7	8	11	52	7	7
12	56	4	0	12	57	5	0
13	61	0	4	13	62	2	5
14	65	8	8	14	66	11	10
15	70	5	0	15	71	9	3
16	75	1	4	16	76	6	9
17	79	9	8	17	81	4	2
18	84	6	0	18	86	1	7
19	89	2	4	19	90	11	0
20	93	10	8	20	95	8	5
21	98	7	0	21	100	5	10
22	103	3	4	22	105	3	3
23	107	11	8	23	110	0	8
24	112	8	0	24	114	10	1
25	117	4	4	25	119	7	6
26	122	0	8	26	124	4	11
27	126	9	0	27	129	2	4
28	131	5	4	28	133	11	9
29	136	1	8	29	138	9	2
30	140	10	0	30	143	6	7
31	145	6	4	31	148	4	0
32	150	2	8	32	153	1	6
33	154	11	0	33	157	10	11
34	159	7	4	34	162	8	4
35	164	3	8	35	167	5	9
36	169	0	0	36	172	3	2
37	173	8	4	37	177	0	7
38	178	4	8	38	181	10	0
39	183	1	0	39	186	7	5
40	187	9	4	40	191	4	10
41	192	5	8	41	196	2	3
42	197	2	0	42	200	11	8
43	201	10	4	43	205	9	1
44	206	6	8	44	210	6	6
45	211	3	0	45	215	3	11
46	215	11	4	46	220	1	4
47	220	7	8	47	224	10	9
48	225	4	0	48	229	8	3
49	230	0	4	49	234	5	8
50	234	8	8	50	239	3	1

Ft. long	Side 26 ½			Ft. long	Side 26 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	4	10	6	1	4	11	7
2	9	9	0	2	9	11	3
3	14	7	6	3	14	10	10
4	19	6	1	4	19	10	6
5	24	4	7	5	24	10	1
6	29	3	1	6	29	9	9
7	34	1	7	7	34	9	4
8	39	0	2	8	39	9	0
9	43	10	8	9	44	8	8
10	48	9	2	10	49	8	3
11	53	7	8	11	54	7	11
12	58	6	3	12	59	7	6
13	63	4	9	13	64	7	2
14	68	3	3	14	69	6	9
15	73	1	9	15	74	6	5
16	78	0	4	16	79	6	1
17	82	10	10	17	84	5	8
18	87	9	4	18	89	5	4
19	92	7	10	19	94	4	11
20	97	6	5	20	99	4	7
21	102	4	11	21	104	4	2
22	107	3	5	22	109	3	10
23	112	1	11	23	114	3	5
24	117	0	6	24	119	3	1
25	121	11	0	25	124	2	9
26	126	9	6	26	129	2	4
27	131	8	0	27	134	2	0
28	136	6	7	28	139	1	7
29	141	5	1	29	144	1	3
30	146	3	7	30	149	0	10
31	151	2	1	31	153	11	6
32	156	0	8	32	158	11	2
33	160	11	2	33	163	10	9
34	165	9	8	34	168	10	5
35	170	8	2	35	173	10	0
36	175	6	9	36	178	10	8
37	180	5	3	37	183	10	3
38	185	3	9	38	188	9	11
39	190	2	3	39	193	9	6
40	195	0	10	40	198	9	2
41	199	11	4	41	203	8	10
42	204	9	10	42	208	8	5
43	209	8	4	43	213	8	1
44	214	6	11	44	218	7	8
45	219	5	5	45	223	7	4
46	224	3	11	46	228	6	11
47	229	2	5	47	233	6	7
48	234	1	0	48	238	6	3
49	238	11	6	49	243	5	10
50	243	10	0	50	248	5	6

Ft. long	Side 27 Inch.			Ft. long	Side 27 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	0	9	1	5	1	10
2	10	1	6	2	10	3	9
3	15	2	3	3	15	5	7
4	20	3	0	4	20	7	6
5	25	3	9	5	25	9	4
6	30	4	6	6	30	11	3
7	35	5	3	7	36	1	1
8	40	6	0	8	41	3	0
9	45	6	9	9	46	4	11
10	50	7	6	10	51	6	9
11	55	8	3	11	56	8	8
12	60	9	0	12	61	10	6
13	65	9	9	13	67	0	5
14	70	10	6	14	72	2	3
15	75	11	3	15	77	4	2
16	81	0	0	16	82	6	1
17	86	0	9	17	87	7	11
18	91	1	6	18	92	9	10
19	96	2	3	19	97	11	8
20	101	3	0	20	103	1	7
21	106	3	9	21	108	3	5
22	111	4	6	22	113	5	4
23	116	5	3	23	118	7	2
24	121	6	0	24	123	9	1
25	126	6	9	25	128	11	0
26	131	7	6	26	134	0	10
27	136	8	3	27	139	2	9
28	141	9	0	28	144	4	7
29	146	9	9	29	149	6	6
30	151	10	6	30	154	8	4
31	156	11	3	31	159	10	3
32	162	0	0	32	165	0	2
33	167	0	9	33	170	2	0
34	172	1	6	34	175	3	11
35	177	2	3	35	180	5	9
36	182	3	0	36	185	7	8
37	187	3	9	37	190	9	6
38	192	4	6	38	195	11	5
39	197	5	3	39	201	1	3
40	202	6	0	40	206	3	2
41	207	6	9	41	211	5	1
42	212	7	6	42	216	6	11
43	217	8	3	43	221	8	10
44	222	9	0	44	226	10	8
45	227	9	9	45	232	0	7
46	232	10	6	46	237	2	5
47	237	11	3	47	242	4	4
48	243	0	0	48	247	6	3
49	248	0	9	49	252	8	1
50	253	1	6	50	257	10	0

Ft. long	Side 27 ½			Ft. long	Side 27 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	3	0	1	5	4	2
2	10	6	0	2	10	8	4
3	15	9	0	3	16	0	6
4	21	0	1	4	21	4	8
5	26	3	1	5	26	8	10
6	31	6	1	6	32	1	0
7	36	9	1	7	37	5	2
8	42	0	2	8	42	9	4
9	47	3	2	9	48	1	6
10	52	6	2	10	53	5	8
11	57	9	2	11	58	9	10
12	63	0	3	12	64	2	0
13	68	3	3	13	69	6	2
14	73	6	3	14	74	10	4
15	78	9	3	15	80	2	6
16	84	0	4	16	85	6	9
17	89	3	4	17	90	10	11
18	94	6	4	18	96	3	1
19	99	9	4	19	101	7	3
20	105	0	5	20	106	11	5
21	110	3	5	21	112	3	7
22	115	6	5	22	117	7	9
23	120	9	5	23	122	11	11
24	126	0	6	24	128	4	1
25	131	3	6	25	133	8	3
26	136	6	6	26	139	0	5
27	141	9	6	27	144	4	7
28	147	0	7	28	149	8	9
29	152	3	7	29	155	0	11
30	157	6	7	30	160	5	1
31	162	9	7	31	165	9	3
32	168	0	8	32	171	1	6
33	173	3	8	33	176	5	8
34	178	6	8	34	181	9	10
35	183	9	8	35	187	2	0
36	189	0	9	36	192	6	2
37	194	3	9	37	197	10	4
38	199	6	9	38	203	2	6
39	204	9	9	39	208	6	8
40	210	0	10	40	213	10	10
41	215	3	10	41	219	3	0
42	220	6	10	42	224	7	2
43	225	9	10	43	229	11	4
44	231	0	11	44	235	3	6
45	236	3	11	45	240	7	8
46	241	6	11	46	245	11	10
47	246	9	11	47	251	4	0
48	252	1	0	48	256	8	3
49	257	4	0	49	262	0	5
50	262	7	0	50	267	4	7

Ft. long	Side 28 Inch.			Ft. long	Side 28 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	5	4	1	5	6	6
2	10	10	8	2	11	1	0
3	16	4	0	3	16	7	6
4	21	9	4	4	22	2	0
5	27	2	8	5	27	8	6
6	32	8	0	6	33	3	0
7	38	1	4	7	38	9	6
8	43	6	8	8	44	4	0
9	49	0	0	9	49	10	6
10	54	5	4	10	55	5	0
11	59	10	8	11	60	11	6
12	65	4	0	12	66	6	0
13	70	9	4	13	72	0	6
14	76	2	8	14	77	7	0
15	81	8	0	15	83	1	6
16	87	1	4	16	88	8	1
17	92	6	8	17	94	2	7
18	98	0	0	18	99	9	1
19	103	5	4	19	105	3	7
20	108	10	8	20	110	10	1
21	114	4	0	21	116	4	7
22	119	9	4	22	121	11	1
23	125	2	8	23	127	5	7
24	130	8	0	24	133	0	1
25	136	1	4	25	138	6	7
26	141	6	8	26	144	1	1
27	147	0	0	27	149	7	7
28	152	5	4	28	155	2	1
29	157	10	8	29	160	8	7
30	163	4	0	30	166	3	1
31	168	9	4	31	171	9	7
32	174	2	8	32	177	4	2
33	179	8	0	33	182	10	8
34	185	1	4	34	188	5	2
35	190	6	8	35	193	11	8
36	196	0	0	36	199	6	2
37	201	5	4	37	205	0	8
38	206	10	8	38	210	7	2
39	212	4	0	39	216	1	8
40	217	9	4	40	221	8	2
41	223	2	8	41	227	2	8
42	228	8	0	42	232	9	2
43	234	1	4	43	238	3	8
44	239	6	8	44	243	10	2
45	245	0	0	45	249	4	8
46	250	5	4	46	254	11	2
47	255	10	8	47	260	5	8
48	261	4	0	48	266	0	3
49	266	9	4	49	271	6	9
50	272	2	8	50	277	1	3

Ft. long	Side 28 ½			Ft. long	Side 28 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	7	8	1	5	8	10
2	11	3	4	2	11	5	9
3	16	11	0	3	17	2	7
4	22	6	9	4	22	11	6
5	28	2	5	5	28	8	4
6	33	10	1	6	34	5	3
7	39	5	9	7	40	2	1
8	45	1	6	8	45	11	0
9	50	9	2	9	51	7	11
10	56	4	10	10	57	4	9
11	62	0	6	11	63	1	8
12	67	8	3	12	68	10	6
13	73	3	11	13	74	7	5
14	78	11	7	14	80	4	3
15	84	7	3	15	86	1	2
16	90	3	0	16	91	10	1
17	95	10	8	17	97	6	11
18	101	6	4	18	103	3	10
19	107	2	0	19	109	0	8
20	112	9	9	20	114	9	7
21	118	5	5	21	120	6	5
22	124	1	1	22	126	3	4
23	129	8	9	23	132	0	2
24	135	4	6	24	137	9	1
25	141	0	2	25	143	6	0
26	146	7	10	26	149	2	10
27	152	3	6	27	154	11	9
28	157	11	3	28	160	8	7
29	163	6	11	29	166	5	6
30	169	2	7	30	172	2	4
31	174	10	3	31	177	11	3
32	180	6	0	32	183	8	2
33	186	1	8	33	189	5	0
34	191	9	4	34	195	1	11
35	197	5	0	35	200	10	9
36	203	0	9	36	206	7	8
37	208	8	5	37	212	4	6
38	214	4	1	38	218	1	5
39	219	11	9	39	223	10	3
40	225	7	6	40	229	7	2
41	231	3	2	41	235	4	1
42	236	10	10	42	241	0	11
43	242	6	6	43	246	9	9
44	248	2	3	44	252	6	7
45	253	9	11	45	258	3	0
46	259	5	7	46	263	11	10
47	265	1	3	47	269	8	9
48	270	9	0	48	275	6	3
49	276	4	8	49	281	3	1
50	282	0	4	50	287	0	0

Ft. long	Side 29 Inch.			Ft. long	Side 29 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	5	10	1	1	5	11	3
2	11	8	2	2	11	10	7
3	17	6	3	3	17	9	10
4	23	4	4	4	23	9	2
5	29	2	5	5	29	8	5
6	35	0	6	6	35	7	9
7	40	10	7	7	41	7	0
8	46	8	8	8	47	6	4
9	52	6	9	9	53	5	8
10	58	4	10	10	59	4	11
11	64	2	11	11	65	4	3
12	70	1	0	12	71	3	6
13	75	11	1	13	77	2	10
14	81	9	2	14	83	2	1
15	87	7	3	15	89	1	5
16	93	5	4	16	95	0	9
17	99	3	5	17	101	0	0
18	105	1	6	18	106	11	4
19	110	11	7	19	112	10	7
20	116	9	8	20	118	9	11
21	122	7	9	21	124	9	2
22	128	5	10	22	130	8	6
23	134	3	11	23	136	7	9
24	140	2	0	24	142	7	1
25	146	0	1	25	148	6	5
26	151	10	2	26	154	5	8
27	157	8	3	27	160	5	0
28	163	6	4	28	166	4	3
29	169	4	5	29	172	3	7
30	175	2	6	30	178	2	10
31	181	0	7	31	184	2	2
32	186	10	8	32	190	1	6
33	192	8	9	33	196	0	9
34	198	6	10	34	202	0	1
35	204	4	11	35	207	11	4
36	210	3	0	36	213	10	8
37	216	1	1	37	219	9	11
38	221	11	2	38	225	9	3
39	227	9	3	39	231	8	6
40	233	7	4	40	237	7	10
41	239	5	5	41	243	7	2
42	245	3	6	42	249	6	5
43	251	1	7	43	255	5	9
44	256	11	8	44	261	5	0
45	262	9	9	45	267	4	4
46	268	7	10	46	273	3	7
47	274	5	11	47	279	2	11
48	280	4	0	48	285	2	3
49	286	2	1	49	291	1	6
50	291	0	2	50	297	0	10

Ft. long	Side 29 ½			Ft. long	Side 29 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	0	6	1	6	1	9
2	12	1	0	2	12	3	6
3	18	1	6	3	18	5	3
4	24	2	1	4	24	7	0
5	30	2	7	5	30	8	9
6	36	3	1	6	36	10	6
7	42	3	7	7	43	0	3
8	48	4	2	8	49	2	0
9	54	4	8	9	55	3	9
10	60	5	2	10	61	5	6
11	66	5	8	11	67	7	3
12	72	6	3	12	73	9	0
13	78	6	9	13	79	10	9
14	84	7	3	14	86	0	6
15	90	7	9	15	92	2	3
16	96	8	4	16	98	4	1
17	102	8	10	17	104	5	10
18	108	9	4	18	110	7	7
19	114	9	10	19	116	9	4
20	120	10	5	20	122	11	1
21	126	10	11	21	129	0	10
22	132	11	5	22	135	2	7
23	138	11	11	23	141	4	4
24	145	0	6	24	147	6	1
25	151	1	0	25	153	7	10
26	157	1	6	26	159	9	7
27	163	2	0	27	165	11	4
28	169	2	7	28	172	1	1
29	175	3	1	29	178	2	10
30	181	3	7	30	184	4	7
31	187	4	1	31	190	6	4
32	193	4	8	32	196	8	2
33	199	5	2	33	202	9	11
34	205	5	8	34	208	11	8
35	211	6	2	35	215	1	5
36	217	6	9	36	221	3	2
37	223	7	3	37	227	4	11
38	229	7	9	38	233	6	8
39	235	8	3	39	239	8	5
40	241	8	10	40	245	10	2
41	247	9	4	41	251	11	11
42	253	9	10	42	258	1	8
43	259	10	4	43	264	3	5
44	265	10	11	44	270	5	2
45	271	11	5	45	276	6	11
46	277	11	11	46	282	8	8
47	284	0	5	47	288	10	5
48	290	1	0	48	295	0	3
49	296	0	6	49	301	2	0
50	302	1	0	50	307	3	9

Ft. long	Side 30 Inch.			Ft. long	Side 30 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	3	0	1	6	4	3
2	12	6	0	2	12	8	6
3	18	9	0	3	19	0	9
4	25	0	0	4	25	5	0
5	31	3	0	5	31	9	3
6	37	6	0	6	38	1	6
7	43	9	0	7	44	5	9
8	50	0	0	8	50	10	0
9	56	3	0	9	57	2	3
10	62	6	0	10	63	6	6
11	68	9	0	11	69	10	9
12	75	0	0	12	76	3	0
13	81	3	0	13	82	7	3
14	87	6	0	14	88	11	6
15	93	9	0	15	95	3	9
16	100	0	0	16	101	8	1
17	106	3	0	17	108	0	4
18	112	6	0	18	114	4	7
19	118	9	0	19	120	8	10
20	125	0	0	20	127	1	1
21	131	3	0	21	133	5	4
22	137	6	0	22	139	9	7
23	143	9	0	23	146	1	10
24	150	0	0	24	152	6	1
25	156	3	0	25	158	10	4
26	162	6	0	26	165	2	7
27	168	9	0	27	171	6	10
28	175	0	0	28	177	11	1
29	181	3	0	29	184	3	4
30	187	6	0	30	190	7	7
31	193	9	0	31	196	11	10
32	200	0	0	32	203	4	2
33	206	3	0	33	209	8	5
34	212	6	0	34	216	0	8
35	218	9	0	35	222	4	11
36	225	0	0	36	228	9	2
37	231	3	0	37	235	1	5
38	237	6	0	38	241	5	8
39	243	9	0	39	247	9	11
40	250	0	0	40	254	2	2
41	256	3	0	41	260	6	5
42	262	6	0	42	266	10	8
43	268	9	0	43	273	2	11
44	275	0	0	44	279	7	2
45	281	3	0	45	285	11	5
46	287	6	0	46	292	3	8
47	293	9	0	47	298	7	11
48	300	0	0	48	305	0	3
49	306	3	0	49	311	4	6
50	312	6	0	50	317	8	9

Ft. long	Side 30 $\frac{1}{2}$			Ft. long	Side 30 $\frac{3}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	5	6	1	6	6	9
2	12	11	0	2	13	1	7
3	19	4	6	3	19	8	4
4	25	10	1	4	26	3	2
5	32	3	7	5	32	9	11
6	38	9	1	6	39	4	9
7	45	2	7	7	45	11	6
8	51	8	2	8	52	6	4
9	58	1	8	9	59	1	2
10	64	7	2	10	65	7	11
11	71	0	8	11	72	2	10
12	77	6	3	12	78	9	6
13	83	11	9	13	85	4	4
14	90	5	3	14	91	11	1
15	96	10	9	15	98	5	11
16	103	4	4	16	105	0	9
17	109	9	10	17	111	7	6
18	116	3	4	18	118	2	4
19	122	8	10	19	124	9	1
20	129	2	5	20	131	3	11
21	135	7	11	21	137	10	8
22	142	1	5	22	144	5	6
23	148	6	11	23	151	0	3
24	155	0	6	24	157	7	1
25	161	6	0	25	164	1	11
26	167	11	6	26	170	8	8
27	174	5	0	27	177	3	6
28	180	10	7	28	183	10	3
29	187	4	1	29	190	5	1
30	193	9	7	30	196	11	10
31	200	3	1	31	203	6	8
32	206	8	8	32	210	1	6
33	213	2	2	33	216	8	3
34	219	7	8	34	223	3	1
35	226	1	2	35	229	9	10
36	232	6	9	36	236	4	8
37	239	0	3	37	242	11	5
38	245	5	9	38	249	6	3
39	251	11	3	39	256	1	0
40	258	4	10	40	262	7	10
41	264	10	4	41	269	2	7
42	271	3	10	42	275	9	5
43	277	9	4	43	282	4	2
44	284	2	11	44	288	11	0
45	290	8	5	45	295	5	10
46	297	1	11	46	302	0	7
47	303	7	5	47	308	7	5
48	310	1	0	48	315	2	3
49	316	6	6	49	321	9	0
50	323	0	0	50	328	3	10

Ft. long	Side 31 Inch.			Ft. long	Side 31 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	8	1	1	6	9	4
2	13	4	2	2	13	6	9
3	20	0	3	3	20	4	1
4	26	8	4	4	27	1	6
5	33	4	5	5	33	10	10
6	40	0	6	6	40	8	3
7	46	8	7	7	47	5	7
8	53	4	8	8	54	3	0
9	60	0	9	9	61	0	5
10	66	8	10	10	67	9	9
11	73	4	11	11	74	7	2
12	80	1	0	12	81	4	6
13	86	9	1	13	88	1	11
14	93	5	2	14	94	11	3
15	100	1	3	15	101	8	8
16	106	9	4	16	108	6	1
17	113	5	5	17	115	3	5
18	120	1	6	18	122	0	10
19	126	9	7	19	128	10	2
20	133	5	8	20	135	7	7
21	140	1	9	21	142	4	11
22	146	9	10	22	149	2	4
23	153	5	11	23	155	11	8
24	160	2	0	24	162	9	1
25	166	10	1	25	169	6	6
26	173	6	2	26	176	3	10
27	180	2	3	27	183	1	3
28	186	10	4	28	189	10	7
29	193	6	5	29	196	8	0
30	200	2	6	30	203	5	4
31	206	10	7	31	210	2	9
32	213	6	8	32	217	0	2
33	220	2	9	33	223	9	6
34	226	10	10	34	230	6	11
35	233	6	11	35	237	4	3
36	240	3	0	36	244	1	8
37	246	11	1	37	250	11	0
38	253	7	2	38	257	8	1
39	260	3	3	39	264	5	9
40	266	11	4	40	271	3	2
41	273	7	5	41	278	0	7
42	280	3	6	42	284	9	11
43	286	11	7	43	291	7	4
44	293	7	8	44	298	4	8
45	300	3	9	45	305	2	1
46	306	11	10	46	311	11	5
47	313	7	11	47	318	8	10
48	320	4	0	48	325	6	3
49	327	0	1	49	332	3	7
50	333	8	2	50	339	1	0

Ft. long	Side 31 ½			Ft. long	Side 31 ½		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	6	10	8	1	7	0	0
2	13	9	4	2	14	0	0
3	20	8	0	3	21	0	0
4	27	6	9	4	23	0	0
5	34	5	5	5	35	0	0
6	41	4	1	6	42	0	0
7	48	2	9	7	49	0	0
8	55	1	6	8	56	0	0
9	62	0	2	9	63	0	0
10	68	10	10	10	70	0	0
11	75	9	6	11	77	0	0
12	82	8	3	12	84	0	0
13	89	6	11	13	91	0	0
14	96	5	7	14	98	0	0
15	103	4	3	15	105	0	0
16	110	3	0	16	112	0	1
17	117	1	8	17	119	0	1
18	124	0	4	18	126	0	1
19	130	11	0	19	133	0	1
20	137	9	9	20	140	0	1
21	144	8	5	21	147	0	1
22	151	7	1	22	154	0	1
23	158	5	9	23	161	0	1
24	165	4	6	24	168	0	1
25	172	3	2	25	175	0	1
26	179	1	10	26	182	0	1
27	186	0	6	27	189	0	1
28	192	11	3	28	196	0	1
29	199	9	11	29	203	0	1
30	206	8	7	30	210	0	1
31	213	7	3	31	217	0	1
32	220	6	0	32	224	0	2
33	227	4	8	33	231	0	2
34	234	3	4	34	238	0	2
35	241	2	0	35	245	0	2
36	248	0	9	36	252	0	2
37	254	11	5	37	259	0	2
38	261	10	1	38	266	0	2
39	268	8	9	39	273	0	2
40	275	7	6	40	280	0	2
41	282	6	2	41	287	0	2
42	289	4	10	42	294	0	2
43	296	3	6	43	301	0	2
44	303	2	3	44	308	0	2
45	310	0	11	45	315	0	2
46	316	11	7	46	322	0	2
47	323	10	3	47	329	0	2
48	330	9	0	48	336	0	3
49	337	7	8	49	343	0	3
50	344	6	4	50	350	0	3

Ft. long	Side 32 Inch.			Ft. long	Side 32 ½		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	7	1	4	1	7	2	8
2	14	2	8	2	14	5	4
3	21	4	0	3	21	8	0
4	28	5	4	4	28	10	8
5	35	6	8	5	36	1	4
6	42	8	0	6	43	4	0
7	49	9	4	7	50	6	8
8	56	10	8	8	57	9	4
9	64	0	0	9	65	0	0
10	71	1	4	10	72	2	8
11	78	2	8	11	79	5	4
12	85	4	0	12	86	8	0
13	92	5	4	13	93	10	8
14	99	6	8	14	101	1	4
15	106	8	0	15	108	4	0
16	113	9	4	16	115	6	9
17	120	10	8	17	122	9	5
18	128	0	0	18	130	0	1
19	135	1	4	19	137	2	9
20	142	2	8	20	144	5	5
21	149	4	0	21	151	8	1
22	156	5	4	22	158	10	9
23	163	6	8	23	166	1	5
24	170	8	0	24	173	4	1
25	177	9	4	25	180	6	9
26	184	10	8	26	187	9	5
27	192	0	0	27	195	0	1
28	199	1	4	28	202	2	9
29	206	2	8	29	209	5	5
30	213	4	0	30	216	8	1
31	220	5	4	31	223	10	9
32	227	6	8	32	231	1	6
33	234	8	0	33	238	4	2
34	241	9	4	34	245	6	10
35	248	10	8	35	252	9	6
36	256	0	0	36	260	0	2
37	263	1	4	37	267	2	10
38	270	2	8	38	274	5	6
39	277	4	0	39	281	8	2
40	284	5	4	40	288	10	10
41	291	6	8	41	296	1	6
42	298	8	0	42	303	4	2
43	305	9	4	43	310	6	10
44	312	10	8	44	317	9	6
45	320	0	0	45	325	0	2
46	327	1	4	46	332	2	10
47	334	2	8	47	339	5	6
48	341	4	0	48	346	8	3
49	348	5	4	49	353	10	11
50	355	6	8	50	361	1	7

Pt. long	Side 32 ½			Pt. long	Side 32 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	7	4	0	1	7	5	4
2	14	8	0	2	14	10	9
3	22	0	0	3	22	4	1
4	29	4	1	4	29	9	6
5	36	8	1	5	37	2	10
6	44	0	1	6	44	8	3
7	51	4	1	7	52	1	7
8	58	8	2	8	59	7	0
9	66	0	2	9	67	0	5
10	73	4	2	10	74	5	9
11	80	8	2	11	81	11	2
12	88	0	3	12	89	4	6
13	95	4	3	13	96	9	11
14	102	8	3	14	104	3	3
15	110	0	3	15	111	8	8
16	117	4	4	16	119	2	1
17	124	8	4	17	126	7	5
18	132	0	4	18	134	0	10
19	139	4	4	19	141	6	2
20	146	8	5	20	148	11	7
21	154	0	5	21	156	4	11
22	161	4	5	22	163	10	4
23	168	8	5	23	171	3	8
24	176	0	6	24	178	9	1
25	183	4	6	25	186	2	6
26	190	8	6	26	193	7	10
27	198	0	6	27	201	1	3
28	205	4	7	28	208	6	7
29	212	8	7	29	216	0	0
30	220	0	7	30	223	5	4
31	227	4	7	31	230	10	9
32	234	8	8	32	238	4	2
33	242	0	8	33	245	9	6
34	249	4	8	34	253	2	11
35	256	8	8	35	260	8	3
36	264	0	9	36	268	1	8
37	271	4	9	37	275	7	0
38	278	8	9	38	283	0	5
39	286	0	9	39	290	5	9
40	293	4	10	40	297	11	2
41	300	8	10	41	305	4	7
42	308	0	10	42	312	9	11
43	315	4	10	43	320	3	4
44	322	8	11	44	327	8	8
45	330	0	11	45	335	2	1
46	337	4	11	46	342	7	5
47	344	8	11	47	350	0	10
48	352	1	0	48	357	6	3
49	359	5	0	49	364	11	7
50	366	9	0	50	372	5	0

Ft. long	Side 33 Inch.			Ft. long	Side 33 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	7	6	9	1	7	8	1
2	15	1	6	2	15	4	3
3	22	8	3	3	23	0	4
4	30	3	0	4	30	8	6
5	37	9	9	5	38	4	7
6	45	4	6	6	46	0	9
7	52	11	3	7	53	8	10
8	60	6	0	8	61	5	0
9	68	0	9	9	69	1	2
10	75	7	6	10	76	9	3
11	83	2	3	11	84	5	5
12	90	9	0	12	92	1	6
13	98	3	9	13	99	8	8
14	105	10	6	14	107	5	9
15	113	5	3	15	115	1	11
16	121	0	0	16	122	10	1
17	128	6	9	17	130	6	2
18	136	1	6	18	138	2	4
19	143	8	3	19	145	10	5
20	151	3	0	20	153	6	7
21	158	9	9	21	161	2	8
22	166	4	6	22	168	10	10
23	173	11	3	23	176	6	11
24	181	6	0	24	184	3	1
25	189	0	9	25	191	11	3
26	196	7	6	26	199	7	4
27	204	2	3	27	207	3	6
28	211	9	0	28	214	11	7
29	219	3	9	29	222	7	9
30	226	10	6	30	230	3	10
31	234	5	3	31	238	0	0
32	242	0	0	32	245	8	2
33	249	6	9	33	253	4	3
34	257	1	6	34	261	0	5
35	264	8	3	35	268	8	6
36	272	3	0	36	276	4	8
37	279	9	9	37	284	0	9
38	287	4	6	38	291	8	11
39	294	11	3	39	299	5	0
40	302	6	0	40	307	1	2
41	310	0	9	41	314	9	4
42	317	7	6	42	322	5	5
43	325	2	3	43	330	1	7
44	332	9	0	44	337	9	8
45	340	3	9	45	345	5	10
46	347	10	6	46	353	1	11
47	355	5	3	47	360	10	1
48	363	0	0	48	368	6	3
49	370	6	9	49	376	2	4
50	378	1	6	50	383	10	6

Ft. long	Side 33 ½			Ft. long	Side 33 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	7	9	6	1	7	10	11
2	15	7	0	2	15	9	10
3	23	4	6	3	23	8	9
4	31	2	1	4	31	7	8
5	38	11	7	5	39	6	7
6	46	9	1	6	47	5	6
7	54	6	7	7	55	4	5
8	62	4	2	8	63	3	4
9	70	1	8	9	71	2	3
10	77	11	2	10	79	1	2
11	85	8	8	11	87	0	1
12	93	6	3	12	94	11	0
13	101	3	9	13	102	9	11
14	109	1	3	14	110	8	10
15	116	10	9	15	118	7	9
16	124	8	4	16	126	6	9
17	132	5	10	17	134	5	8
18	140	3	4	18	142	4	7
19	148	0	10	19	150	3	6
20	155	10	5	20	158	2	5
21	163	7	11	21	166	1	4
22	171	5	5	22	174	0	3
23	179	2	11	23	181	11	2
24	187	0	6	24	189	10	1
25	194	10	0	25	197	9	0
26	202	7	6	26	205	7	11
27	210	5	0	27	213	6	10
28	218	2	7	28	221	5	9
29	226	0	1	29	229	4	8
30	233	9	7	30	237	3	7
31	241	7	1	31	245	2	6
32	249	4	8	32	253	1	6
33	257	2	2	33	261	0	5
34	264	11	8	34	268	11	4
35	272	9	2	35	276	10	3
36	280	6	9	36	284	9	2
37	288	4	3	37	292	8	1
38	296	1	9	38	300	7	0
39	303	11	3	39	308	5	11
40	311	8	10	40	316	4	10
41	319	6	4	41	324	3	9
42	327	3	10	42	332	2	8
43	335	1	4	43	340	1	7
44	342	10	11	44	348	0	6
45	350	8	5	45	355	11	5
46	358	5	11	46	363	10	4
47	366	3	5	47	371	9	3
48	374	1	0	48	379	8	3
49	381	10	6	49	387	7	2
50	389	8	0	50	395	6	1

Ft. long	Side 34 Inch.			Ft. long	Side 34 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	8	0	4	1	8	1	9
2	16	0	8	2	16	3	6
3	24	1	0	3	24	5	3
4	32	1	4	4	32	7	0
5	40	1	8	5	40	8	9
6	48	2	0	6	48	10	6
7	56	2	4	7	57	0	3
8	64	2	8	8	65	2	0
9	72	3	0	9	73	3	9
10	80	3	4	10	81	5	6
11	88	3	8	11	89	7	3
12	96	4	0	12	97	9	0
13	104	4	4	13	105	10	9
14	112	4	8	14	114	0	6
15	120	5	0	15	122	2	3
16	128	5	4	16	130	4	1
17	136	5	8	17	138	5	10
18	144	6	0	18	146	7	7
19	152	6	4	19	154	9	4
20	160	6	8	20	162	11	1
21	168	7	0	21	171	0	10
22	176	7	4	22	179	2	7
23	184	7	8	23	187	4	4
24	192	8	0	24	195	6	1
25	200	8	4	25	203	7	10
26	208	8	8	26	211	9	7
27	216	9	0	27	219	11	4
28	224	9	4	28	228	1	1
29	232	9	8	29	236	2	10
30	240	10	0	30	244	4	7
31	248	10	4	31	252	6	4
32	256	10	8	32	260	8	2
33	264	11	0	33	268	9	11
34	272	11	4	34	276	11	8
35	280	11	8	35	285	1	5
36	289	0	0	36	293	3	2
37	297	0	4	37	301	4	11
38	305	0	8	38	309	6	8
39	313	1	0	39	317	8	5
40	321	1	4	40	325	10	2
41	329	1	8	41	333	11	11
42	337	2	0	42	342	1	8
43	345	2	4	43	350	3	5
44	353	2	8	44	358	5	2
45	361	3	0	45	366	6	11
46	369	3	4	46	374	8	8
47	377	3	8	47	382	10	5
48	385	4	0	48	391	0	3
49	393	4	4	49	399	2	0
50	401	4	8	50	407	3	9

Ft. long	Side 34 ½			Ft. long	Side 34 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	8	3	2	1	8	4	7
2	16	6	4	2	16	9	3
3	24	9	6	3	25	1	10
4	33	0	9	4	33	6	6
5	41	3	11	5	41	11	1
6	49	7	1	6	50	3	9
7	57	10	3	7	58	8	4
8	66	1	6	8	67	1	0
9	74	4	8	9	75	5	8
10	82	7	10	10	83	10	3
11	90	11	0	11	92	2	11
12	99	2	3	12	100	7	6
13	107	5	5	13	109	0	2
14	115	8	7	14	117	4	9
15	123	11	9	15	125	9	5
16	132	3	0	16	134	2	1
17	140	6	2	17	142	6	8
18	148	9	4	18	150	11	4
19	157	0	6	19	159	3	11
20	165	3	9	20	167	8	7
21	173	6	11	21	176	1	2
22	181	10	1	22	184	5	10
23	190	1	3	23	192	10	5
24	198	4	6	24	201	3	1
25	206	7	8	25	209	7	9
26	214	10	10	26	218	0	4
27	223	2	0	27	226	5	0
28	231	5	3	28	234	9	7
29	239	8	5	29	243	2	3
30	247	11	7	30	251	6	10
31	256	2	9	31	259	11	6
32	264	6	0	32	268	4	2
33	272	9	2	33	276	8	9
34	281	0	4	34	285	1	5
35	289	3	6	35	293	6	0
36	297	6	9	36	301	10	8
37	305	9	11	37	310	3	3
38	314	1	1	38	318	7	11
39	322	4	3	39	327	0	6
40	330	7	6	40	335	5	2
41	338	10	8	41	343	9	10
42	347	1	10	42	352	2	5
43	355	5	0	43	360	7	1
44	363	8	3	44	368	11	8
45	371	11	5	45	377	4	4
46	380	2	7	46	385	8	11
47	388	5	9	47	394	1	7
48	396	9	0	48	402	6	3
49	405	0	2	49	410	10	10
50	413	3	4	50	419	3	6

Ft. long	Side 35 Inch.			Ft. long	Side 35 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	8	6	1	1	8	7	6
2	17	0	2	2	17	3	1
3	25	6	3	3	25	10	7
4	34	0	4	4	34	6	2
5	42	6	5	5	43	1	8
6	51	0	6	6	51	9	3
7	59	6	7	7	60	4	9
8	68	0	8	8	69	0	4
9	76	6	9	9	77	7	11
10	85	0	10	10	86	3	5
11	93	6	11	11	94	11	0
12	102	1	0	12	103	6	6
13	110	7	1	13	112	2	1
14	119	1	2	14	120	9	7
15	127	7	3	15	129	5	2
16	136	1	4	16	138	0	9
17	144	7	5	17	146	8	3
18	153	1	6	18	155	3	10
19	161	7	7	19	163	11	4
20	170	1	8	20	172	6	11
21	178	7	9	21	181	2	5
22	187	1	10	22	189	10	0
23	195	7	11	23	198	5	6
24	204	2	0	24	207	1	1
25	212	8	1	25	215	8	8
26	221	2	2	26	224	4	2
27	229	8	3	27	232	11	9
28	238	2	4	28	241	7	3
29	246	8	5	29	250	2	10
30	255	2	6	30	258	10	4
31	263	8	7	31	267	5	11
32	272	2	8	32	276	1	6
33	280	8	9	33	284	9	0
34	289	2	10	34	293	4	7
35	297	8	11	35	302	0	1
36	306	3	0	36	310	7	8
37	314	9	1	37	319	3	2
38	323	3	2	38	327	10	9
39	331	9	3	39	336	6	3
40	340	3	4	40	345	1	10
41	348	9	5	41	353	9	5
42	357	3	6	42	362	4	11
43	365	9	7	43	371	0	6
44	374	3	8	44	379	8	9
45	382	9	9	45	388	3	7
46	391	3	10	46	396	11	1
47	399	9	11	47	405	6	8
48	408	4	0	48	414	2	3
49	416	10	1	49	422	9	9
50	425	4	2	50	431	5	4

Ft. long	Side 35 ½			Ft. long	Side 35 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	8	9	0	1	8	10	6
2	17	6	0	2	17	9	0
3	26	3	0	3	26	7	6
4	35	0	1	4	35	6	0
5	43	9	1	5	44	4	6
6	52	6	1	6	53	3	0
7	61	3	1	7	62	1	6
8	70	0	2	8	71	0	0
9	78	9	2	9	79	10	6
10	87	6	2	10	88	9	0
11	96	3	2	11	97	7	6
12	105	0	3	12	106	6	0
13	113	9	3	13	115	4	6
14	122	6	3	14	124	3	0
15	131	3	3	15	133	1	6
16	140	0	4	16	142	0	1
17	148	9	4	17	150	10	7
18	157	6	4	18	159	9	1
19	166	3	4	19	168	7	7
20	175	0	5	20	177	6	1
21	183	9	5	21	186	4	7
22	192	6	5	22	195	3	1
23	201	3	5	23	204	1	7
24	210	0	6	24	213	0	1
25	218	9	6	25	221	10	7
26	227	6	6	26	230	9	1
27	236	3	6	27	239	7	7
28	245	0	7	28	248	6	1
29	253	9	7	29	257	4	7
30	262	6	7	30	266	3	1
31	271	3	7	31	275	1	7
32	280	0	8	32	284	0	2
33	288	9	8	33	292	10	8
34	297	6	8	34	301	9	2
35	306	3	8	35	310	7	8
36	315	0	9	36	319	6	2
37	323	9	9	37	328	4	8
38	332	6	9	38	337	3	2
39	341	3	9	39	346	1	8
40	350	0	10	40	355	0	2
41	358	9	10	41	363	10	8
42	367	6	10	42	372	9	2
43	376	3	10	43	381	7	8
44	385	0	11	44	390	6	2
45	393	9	11	45	399	4	8
46	402	6	11	46	408	3	2
47	411	3	11	47	417	1	8
48	420	1	0	48	426	0	3
49	428	10	0	49	434	10	9
50	437	7	0	50	443	9	3

Ft. long	Side 36 Inch.			Ft. long	Side 36 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	9	0	0	1	9	1	6
2	18	0	0	2	18	3	0
3	27	0	0	3	27	4	6
4	36	0	0	4	36	6	0
5	45	0	0	5	45	7	6
6	54	0	0	6	54	9	0
7	63	0	0	7	63	10	6
8	72	0	0	8	73	0	0
9	81	0	0	9	82	1	6
10	90	0	0	10	91	3	0
11	99	0	0	11	100	4	6
12	108	0	0	12	109	6	0
13	117	0	0	13	118	7	6
14	126	0	0	14	127	9	0
15	135	0	0	15	136	10	6
16	144	0	0	16	146	0	1
17	153	0	0	17	155	1	7
18	162	0	0	18	164	3	1
19	171	0	0	19	173	4	7
20	180	0	0	20	182	6	1
21	189	0	0	21	191	7	7
22	198	0	0	22	200	9	1
23	207	0	0	23	209	10	7
24	216	0	0	24	219	0	1
25	225	0	0	25	228	1	7
26	234	0	0	26	237	3	1
27	243	0	0	27	246	4	7
28	252	0	0	28	255	6	1
29	261	0	0	29	264	7	7
30	270	0	0	30	273	9	1
31	279	0	0	31	282	10	7
32	288	0	0	32	292	0	2
33	297	0	0	33	301	1	8
34	306	0	0	34	310	3	2
35	315	0	0	35	319	4	8
36	324	0	0	36	328	6	2
37	333	0	0	37	337	7	8
38	342	0	0	38	346	9	2
39	351	0	0	39	355	10	8
40	360	0	0	40	365	0	2
41	369	0	0	41	374	1	8
42	378	0	0	42	383	3	2
43	387	0	0	43	392	4	8
44	396	0	0	44	401	6	2
45	405	0	0	45	410	7	8
46	414	0	0	46	419	9	2
47	423	0	0	47	428	10	8
48	432	0	0	48	438	0	3
49	441	0	0	49	447	1	9
50	450	0	0	50	456	3	3

Ft. long	Side 36 ½			Ft. long	Side 36 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	9	3	0	1	9	4	6
2	18	6	0	2	18	9	1
3	27	9	0	3	28	1	7
4	37	0	1	4	37	6	2
5	46	3	1	5	46	10	8
6	55	6	1	6	56	3	3
7	64	9	1	7	65	7	9
8	74	0	2	8	75	0	4
9	83	3	2	9	84	4	11
10	92	6	2	10	93	9	5
11	101	9	2	11	103	2	0
12	111	0	3	12	112	6	6
13	120	3	3	13	121	11	1
14	129	6	3	14	131	3	7
15	138	9	3	15	140	8	2
16	148	0	4	16	150	0	9
17	157	3	4	17	159	5	3
18	166	6	4	18	168	9	10
19	175	9	4	19	178	2	4
20	185	0	5	20	187	6	11
21	194	3	5	21	196	11	5
22	203	6	5	22	206	4	0
23	212	9	5	23	215	8	6
24	222	0	6	24	225	1	1
25	231	3	6	25	234	5	8
26	240	6	6	26	243	10	2
27	249	9	6	27	253	2	9
28	259	0	7	28	262	7	3
29	268	3	7	29	271	11	10
30	277	6	7	30	281	4	4
31	286	9	7	31	290	8	11
32	296	0	8	32	300	1	6
33	305	3	8	33	309	6	0
34	314	6	8	34	318	10	7
35	323	9	8	35	328	3	1
36	333	0	9	36	337	7	8
37	342	3	9	37	347	0	2
38	351	6	9	38	356	4	9
39	360	9	9	39	365	9	3
40	370	0	10	40	375	1	10
41	379	3	10	41	384	6	5
42	388	6	10	42	393	10	11
43	397	9	10	43	403	3	6
44	407	0	11	44	412	8	0
45	416	3	11	45	422	0	7
46	425	6	11	46	431	5	1
47	434	9	11	47	440	9	8
48	444	1	0	48	450	2	3
49	453	4	0	49	459	6	9
50	462	7	0	50	468	11	4

Ft. long	Side 37 Inch.			Ft. long	Side 37 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	9	6	1	1	9	7	7
2	19	0	2	2	19	3	3
3	28	6	3	3	28	10	10
4	38	0	4	4	38	6	6
5	47	6	5	5	48	2	1
6	57	0	6	6	57	9	9
7	66	6	7	7	67	5	4
8	76	0	8	8	77	1	0
9	85	6	9	9	86	8	8
10	95	0	10	10	96	4	3
11	104	6	11	11	105	11	11
12	114	1	0	12	115	7	6
13	123	7	1	13	125	3	2
14	133	1	2	14	134	10	9
15	142	7	3	15	144	6	5
16	152	1	4	16	154	2	1
17	161	7	5	17	163	9	8
18	171	1	6	18	173	5	4
19	180	7	7	19	183	0	11
20	190	1	8	20	192	8	7
21	199	7	9	21	202	4	2
22	209	1	10	22	211	11	10
23	218	7	11	23	221	7	5
24	228	2	0	24	231	3	1
25	237	8	1	25	240	10	9
26	247	2	2	26	250	6	4
27	256	8	3	27	260	2	0
28	266	2	4	28	269	9	9
29	275	8	5	29	279	5	3
30	285	2	6	30	289	0	10
31	294	8	7	31	298	8	6
32	304	2	8	32	308	4	2
33	313	8	9	33	317	11	9
34	323	2	10	34	327	7	5
35	332	8	11	35	337	3	0
36	342	3	0	36	346	10	8
37	351	9	1	37	356	6	3
38	361	3	2	38	366	1	11
39	370	9	3	39	375	9	6
40	380	3	4	40	385	5	2
41	389	9	5	41	395	0	10
42	399	3	6	42	404	8	5
43	408	9	7	43	414	4	1
44	418	3	8	44	423	11	8
45	427	9	9	45	433	7	4
46	437	3	10	46	443	2	11
47	446	9	11	47	452	10	7
48	456	4	0	48	462	6	3
49	465	10	1	49	472	1	10
50	475	4	2	50	481	9	6

Ft. long	Side 37 ½			Ft. long	Side 37 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	9	9	2	1	9	10	9
2	19	6	4	2	19	9	6
3	29	3	6	3	29	8	3
4	39	0	9	4	39	7	0
5	48	9	11	5	49	5	9
6	58	7	1	6	59	4	6
7	68	4	3	7	69	3	3
8	78	1	6	8	79	2	0
9	87	10	8	9	89	0	9
10	97	7	10	10	98	11	6
11	107	5	0	11	108	10	3
12	117	2	3	12	118	9	0
13	126	11	5	13	128	7	9
14	136	8	7	14	138	6	6
15	146	5	9	15	148	5	3
16	156	3	0	16	158	4	1
17	166	0	2	17	168	2	10
18	175	9	4	18	178	1	7
19	185	6	6	19	188	0	4
20	195	3	9	20	197	11	1
21	205	0	11	21	207	9	10
22	214	10	1	22	217	8	7
23	224	7	3	23	227	7	4
24	234	4	6	24	237	6	1
25	244	1	8	25	247	4	10
26	253	10	10	26	257	3	7
27	263	8	0	27	267	2	4
28	273	5	3	28	277	1	1
29	283	2	5	29	286	11	10
30	292	11	7	30	296	10	7
31	302	8	9	31	306	9	4
32	312	6	0	32	316	8	2
33	322	3	2	33	326	6	11
34	332	0	4	34	336	5	8
35	341	9	6	35	346	4	5
36	351	6	9	36	356	3	2
37	361	3	11	37	366	1	11
38	371	1	1	38	376	0	8
39	380	10	3	39	385	11	5
40	390	7	6	40	395	10	2
41	400	4	8	41	405	8	11
42	410	1	10	42	415	7	8
43	419	11	0	43	425	6	5
44	429	8	3	44	435	5	2
45	439	5	5	45	445	3	11
46	449	2	7	46	455	2	8
47	458	11	9	47	465	1	5
48	468	9	0	48	475	0	3
49	478	6	2	49	484	11	0
50	488	3	4	50	494	9	9

Ft. long	Side 38 Inch.			Ft. long	Side 38 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	10	0	4	1	10	1	11
2	20	0	8	2	20	3	10
3	30	1	0	3	30	5	9
4	40	1	4	4	40	7	8
5	50	1	8	5	50	9	7
6	60	2	0	6	60	11	6
7	70	2	4	7	71	1	5
8	80	2	8	8	81	3	4
9	90	3	0	9	91	5	3
10	100	3	4	10	101	7	2
11	110	3	8	11	111	9	1
12	120	4	0	12	121	11	0
13	130	4	4	13	132	0	11
14	140	4	8	14	142	2	10
15	150	5	0	15	152	4	9
16	160	5	4	16	162	6	9
17	170	5	8	17	172	8	8
18	180	6	0	18	182	10	7
19	190	6	4	19	193	0	6
20	200	6	8	20	203	2	5
21	210	7	0	21	213	4	4
22	220	7	4	22	223	6	3
23	230	7	8	23	233	8	2
24	240	8	0	24	243	10	1
25	250	8	4	25	254	0	0
26	260	8	8	26	264	1	11
27	270	9	0	27	274	3	10
28	280	9	4	28	284	5	9
29	290	9	8	29	294	7	8
30	300	10	0	30	304	9	7
31	310	10	4	31	314	11	6
32	320	10	8	32	325	1	6
33	330	11	0	33	335	3	5
34	340	11	4	34	345	5	4
35	350	11	8	35	355	7	3
36	361	0	0	36	365	9	2
37	371	0	4	37	375	11	1
38	381	0	8	38	386	1	0
39	391	1	0	39	396	2	11
40	401	1	4	40	406	4	10
41	411	1	8	41	416	6	9
42	421	2	0	42	426	8	8
43	431	2	4	43	436	10	7
44	441	2	8	44	447	0	6
45	451	3	0	45	457	2	5
46	461	3	4	46	467	4	4
47	471	3	8	47	477	6	3
48	481	4	0	48	487	8	3
49	491	4	4	49	497	10	2
50	501	4	8	50	508	0	1

Ft. long	Side 38 ½			Ft. long	Side 38 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	10	3	6	1	10	5	1
2	20	7	0	2	20	10	3
3	30	10	6	3	31	3	4
4	41	2	1	4	41	8	6
5	51	5	7	5	52	1	7
6	61	9	1	6	62	6	9
7	72	0	7	7	72	11	10
8	82	4	2	8	83	5	0
9	92	7	8	9	93	10	2
10	102	11	2	10	104	3	3
11	113	2	8	11	114	8	5
12	123	6	3	12	125	1	6
13	133	9	9	13	135	6	8
14	144	1	3	14	145	11	9
15	154	4	9	15	156	4	11
16	164	8	4	16	166	10	1
17	174	11	10	17	177	3	2
18	185	3	4	18	187	8	4
19	195	6	10	19	193	1	5
20	205	10	5	20	208	6	7
21	216	1	11	21	218	11	8
22	226	5	5	22	229	4	10
23	236	8	11	23	239	9	11
24	247	0	6	24	250	3	1
25	257	4	0	25	260	8	3
26	267	7	6	26	271	1	4
27	277	11	0	27	281	6	6
28	288	2	7	28	291	11	7
29	298	6	1	29	302	4	9
30	308	9	7	30	312	9	10
31	319	1	1	31	323	3	0
32	329	4	8	32	333	8	2
33	339	8	2	33	344	1	3
34	349	11	8	34	354	6	5
35	360	3	2	35	364	11	6
36	370	6	9	36	375	4	8
37	380	10	3	37	385	9	9
38	391	1	9	38	396	2	11
39	401	5	3	39	406	8	0
40	411	8	10	40	417	1	2
41	422	0	4	41	427	6	4
42	432	3	10	42	437	11	5
43	442	7	4	43	448	4	7
44	452	10	11	44	458	9	8
45	463	2	5	45	469	2	10
46	473	6	11	46	479	7	11
47	483	10	5	47	490	1	1
48	494	2	0	48	500	6	3
49	504	5	6	49	510	11	4
50	514	9	0	50	521	4	6

Ft. long	Side 39 Inch.			Ft. long	Side 39 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	10	6	9	1	10	8	4
2	21	1	6	2	21	4	9
3	31	8	3	3	32	1	1
4	42	3	0	4	42	9	6
5	52	9	9	5	53	5	10
6	63	4	6	6	64	2	3
7	73	11	3	7	74	10	7
8	84	6	0	8	85	7	0
9	95	0	9	9	96	3	5
10	105	7	6	10	106	11	9
11	116	2	3	11	117	8	2
12	126	9	0	12	128	4	6
13	137	3	9	13	139	0	11
14	147	10	6	14	149	9	3
15	158	5	3	15	160	5	8
16	169	0	0	16	171	2	1
17	179	6	9	17	181	10	5
18	190	1	6	18	192	6	10
19	200	8	3	19	203	3	2
20	211	3	0	20	213	11	7
21	221	9	9	21	224	7	11
22	232	4	6	22	235	4	4
23	242	11	3	23	246	0	8
24	253	6	0	24	256	9	1
25	264	0	9	25	267	5	6
26	274	7	6	26	278	1	10
27	285	2	3	27	288	10	3
28	295	9	0	28	299	6	7
29	306	3	9	29	310	3	0
30	316	10	6	30	320	11	4
31	327	5	3	31	331	7	9
32	338	0	0	32	342	4	2
33	348	6	9	33	353	0	6
34	359	1	6	34	363	8	11
35	369	8	3	35	374	5	3
36	380	3	0	36	385	1	8
37	390	9	9	37	395	10	0
38	401	4	6	38	406	6	5
39	411	11	3	39	417	2	9
40	422	6	0	40	427	11	2
41	433	0	9	41	438	7	7
42	443	7	6	42	449	3	11
43	454	2	3	43	460	0	4
44	464	9	0	44	470	8	8
45	475	3	9	45	481	5	1
46	485	10	6	46	492	1	5
47	496	5	3	47	502	9	10
48	507	0	0	48	513	6	3
49	517	6	9	49	524	2	7
50	528	1	6	50	534	11	0

Ft. long	Side 39 ½			Ft. long	Side 39 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	10	10	0	1	10	11	8
2	21	8	0	2	21	11	4
3	32	6	0	3	32	11	0
4	43	4	1	4	43	10	8
5	54	2	1	5	54	10	4
6	65	0	1	6	65	10	0
7	75	10	1	7	76	9	8
8	86	8	2	8	87	9	4
9	97	6	2	9	98	9	0
10	108	4	2	10	109	8	8
11	119	2	2	11	120	8	4
12	130	0	3	12	131	8	0
13	140	10	3	13	142	7	8
14	151	8	3	14	153	7	4
15	162	6	3	15	164	7	0
16	173	4	4	16	175	6	8
17	184	2	4	17	186	6	4
18	195	0	4	18	197	6	0
19	205	10	4	19	208	5	9
20	216	8	5	20	219	5	5
21	227	6	5	21	230	5	1
22	238	4	5	22	241	4	9
23	249	2	5	23	252	4	5
24	260	0	6	24	263	4	1
25	270	10	6	25	274	3	9
26	281	8	6	26	285	3	5
27	292	6	6	27	296	3	1
28	303	4	7	28	307	2	9
29	314	2	7	29	318	2	5
30	325	0	7	30	329	2	1
31	335	10	7	31	340	1	9
32	346	8	8	32	351	1	6
33	357	6	8	33	362	1	2
34	368	4	8	34	373	0	10
35	379	2	8	35	384	0	6
36	390	0	9	36	395	0	2
37	400	10	9	37	405	11	10
38	411	8	9	38	416	11	6
39	422	6	9	39	427	11	2
40	433	4	10	40	438	10	10
41	444	2	10	41	449	10	6
42	455	0	10	42	460	10	2
43	465	10	10	43	471	9	10
44	476	8	11	44	482	9	6
45	487	6	11	45	493	9	2
46	498	4	11	46	504	8	10
47	509	2	11	47	515	8	6
48	520	1	0	48	526	8	3
49	530	11	0	49	537	7	11
50	541	9	0	50	548	7	7

Ft. long	Side 40 Inch.			Ft. long	Side 40 ½		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	11	1	4	1	11	3	0
2	22	2	8	2	22	6	0
3	33	4	0	3	33	9	0
4	44	5	4	4	45	0	0
5	55	6	8	5	56	3	0
6	66	8	0	6	67	6	0
7	77	9	4	7	78	9	0
8	88	10	8	8	90	0	0
9	100	0	0	9	101	3	0
10	111	1	4	10	112	6	0
11	122	2	8	11	123	9	0
12	133	4	0	12	135	0	0
13	144	5	4	13	146	3	0
14	155	6	8	14	157	6	0
15	166	8	0	15	168	9	0
16	177	9	4	16	180	0	1
17	188	10	8	17	191	3	1
18	200	0	0	18	202	6	1
19	211	1	4	19	213	9	1
20	222	2	8	20	225	0	1
21	233	4	0	21	236	3	1
22	244	5	4	22	247	6	1
23	255	6	8	23	258	9	1
24	266	8	0	24	270	0	1
25	277	9	4	25	281	3	1
26	288	10	8	26	292	6	1
27	300	0	0	27	303	9	1
28	311	1	4	28	315	0	1
29	322	2	8	29	326	3	1
30	333	4	0	30	337	6	1
31	344	5	4	31	348	9	1
32	355	6	8	32	360	0	2
33	360	8	0	33	371	3	2
34	377	9	4	34	382	6	2
35	388	10	8	35	393	9	2
36	400	0	0	36	405	0	2
37	411	1	4	37	416	3	2
38	422	2	8	38	427	6	2
39	433	4	0	39	438	9	2
40	444	5	4	40	450	0	2
41	455	6	8	41	461	3	2
42	466	8	0	42	472	6	2
43	477	9	4	43	483	9	2
44	488	10	8	44	495	0	2
45	500	0	0	45	506	3	2
46	511	1	4	46	517	6	2
47	522	2	8	47	528	9	2
48	533	4	0	48	540	0	3
49	544	5	4	49	551	3	3
50	555	6	8	50	562	6	3

Ft. long	Side 40 ½			Ft. long	Side 40 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	11	4	8	1	11	6	4
2	22	9	4	2	23	0	9
3	34	2	0	3	34	7	1
4	45	6	9	4	46	1	6
5	56	11	5	5	57	7	10
6	68	4	1	6	69	2	3
7	79	8	9	7	80	8	7
8	91	1	6	8	92	3	0
9	102	6	2	9	103	9	5
10	113	10	10	10	115	3	9
11	125	3	6	11	126	10	2
12	136	8	3	12	138	4	6
13	148	0	10	13	149	10	11
14	159	5	7	14	161	5	3
15	170	10	3	15	172	11	8
16	182	3	0	16	184	6	1
17	193	7	8	17	196	0	5
18	205	0	4	18	207	6	10
19	216	5	0	19	219	1	2
20	227	9	9	20	230	7	7
21	239	2	5	21	242	1	11
22	250	7	1	22	253	8	4
23	261	11	9	23	265	2	8
24	273	4	6	24	276	9	1
25	284	9	2	25	288	3	6
26	296	1	10	26	299	9	10
27	307	6	6	27	311	4	3
28	318	11	3	28	322	10	7
29	330	3	11	29	334	5	0
30	341	8	7	30	345	11	4
31	353	1	3	31	357	5	9
32	364	6	0	32	369	0	2
33	375	10	8	33	380	6	6
34	387	3	4	34	392	0	11
35	398	8	0	35	403	7	3
36	410	0	9	36	415	1	8
37	421	5	5	37	426	8	0
38	432	10	1	38	438	2	5
39	444	2	9	39	449	8	9
40	455	7	6	40	461	3	2
41	467	0	2	41	472	9	7
42	478	4	10	42	484	3	11
43	489	9	6	43	495	10	4
44	501	2	3	44	507	4	8
45	512	6	11	45	518	11	1
46	523	11	7	46	530	5	5
47	535	4	3	47	541	11	10
48	546	9	0	48	553	6	3
49	558	1	8	49	565	0	7
50	569	6	4	50	576	7	0

Ft. long	Side 41 Inch.			Ft. long	Side 41 $\frac{1}{4}$		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	11	8	1	1	11	9	9
2	23	4	2	2	23	7	7
3	35	0	3	3	35	5	4
4	46	8	4	4	47	3	2
5	58	4	5	5	59	0	11
6	70	0	6	6	70	10	9
7	81	8	7	7	82	8	6
8	93	4	8	8	94	6	4
9	105	0	9	9	106	4	2
10	116	8	10	10	118	1	11
11	128	4	11	11	129	11	9
12	140	1	0	12	141	9	6
13	151	9	1	13	153	7	4
14	163	5	2	14	165	1	10
15	175	1	3	15	177	2	11
16	186	9	4	16	189	0	9
17	198	5	5	17	200	10	6
18	210	1	6	18	212	8	4
19	221	9	7	19	224	6	1
20	233	5	8	20	236	3	11
21	245	1	9	21	248	1	8
22	256	9	10	22	259	11	6
23	268	5	11	23	271	9	3
24	280	2	0	24	283	7	1
25	291	10	1	25	295	4	11
26	303	6	2	26	307	2	8
27	315	2	3	27	319	0	6
28	326	10	4	28	330	10	3
29	338	6	5	29	342	8	1
30	350	2	6	30	354	5	10
31	361	10	7	31	366	3	8
32	373	6	8	32	378	1	6
33	385	2	9	33	389	11	3
34	396	10	10	34	401	9	1
35	408	6	11	35	413	6	10
36	420	3	0	36	425	4	8
37	431	11	1	37	437	2	5
38	443	7	2	38	449	0	3
39	455	3	3	39	460	10	0
40	466	11	4	40	472	7	10
41	478	7	5	41	484	5	8
42	490	3	6	42	496	3	5
43	501	11	7	43	508	1	3
44	513	7	8	44	519	11	0
45	525	3	9	45	531	8	10
46	536	11	10	46	543	6	7
47	548	7	11	47	555	4	5
48	560	4	0	48	567	2	3
49	572	0	1	49	579	0	0
50	583	8	2	50	590	9	10

Ft. long	Side 41 ½			Ft. long	Side 41 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	11	11	6	1	12	1	3
2	23	11	0	2	24	2	6
3	35	10	6	3	36	3	9
4	47	10	1	4	48	5	0
5	59	9	7	5	60	6	3
6	61	9	1	6	72	7	6
7	83	8	7	7	84	8	9
8	95	8	2	8	96	10	0
9	107	7	8	9	108	11	3
10	119	7	2	10	121	0	6
11	131	6	8	11	133	1	9
12	143	6	3	12	145	3	0
13	155	5	9	13	157	4	3
14	167	5	3	14	169	5	6
15	179	4	9	15	181	6	9
16	191	4	4	16	193	8	1
17	203	3	10	17	205	9	4
18	215	3	4	18	217	10	7
19	227	2	10	19	229	11	10
20	239	2	5	20	242	1	1
21	251	1	11	21	254	2	4
22	263	1	5	22	266	3	7
23	275	0	11	23	278	4	10
24	287	0	6	24	290	6	1
25	299	0	0	25	302	7	4
26	310	11	6	26	314	8	7
27	322	11	0	27	326	9	10
28	334	10	7	28	338	11	1
29	346	10	1	29	351	0	4
30	358	9	7	30	363	1	7
31	370	9	1	31	375	2	10
32	382	8	8	32	387	4	2
33	394	8	2	33	399	5	5
34	406	7	8	34	411	6	8
35	418	7	2	35	423	7	11
36	430	6	9	36	435	9	2
37	442	6	3	37	447	10	5
38	454	5	9	38	459	11	8
39	466	5	3	39	472	0	11
40	478	4	10	40	484	2	2
41	490	4	4	41	496	3	5
42	502	3	10	42	508	4	8
43	514	3	4	43	520	5	11
44	526	2	11	44	532	7	2
45	538	2	5	45	544	8	5
46	550	1	11	46	556	9	8
47	562	1	5	47	568	10	11
48	574	1	0	48	581	0	3
49	586	0	6	49	593	1	6
50	598	0	0	50	605	2	9

Ft. long	Side 42 Inch.			Ft. long	Side 42 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	12	3	0	1	12	4	8
2	24	6	0	2	24	9	4
3	36	9	0	3	37	2	0
4	49	0	0	4	49	6	8
5	61	3	0	5	61	11	4
6	73	6	0	6	74	4	0
7	85	9	0	7	86	8	8
8	98	0	0	8	99	1	4
9	110	3	0	9	111	6	0
10	122	6	0	10	123	10	8
11	134	9	0	11	136	3	4
12	147	0	0	12	148	8	0
13	159	3	0	13	161	0	8
14	171	6	0	14	173	5	4
15	183	9	0	15	185	10	0
16	196	0	0	16	198	2	9
17	208	3	0	17	210	7	5
18	220	6	0	18	223	0	1
19	232	9	0	19	235	4	9
20	245	0	0	20	247	9	5
21	257	3	0	21	260	2	1
22	269	6	0	22	272	6	9
23	281	9	0	23	284	11	5
24	294	0	0	24	297	4	1
25	306	3	0	25	309	8	9
26	318	6	0	26	322	1	5
27	330	9	0	27	334	6	1
28	343	0	0	28	346	10	9
29	355	3	0	29	359	3	5
30	367	6	0	30	371	8	1
31	379	9	0	31	384	0	9
32	392	0	0	32	396	5	6
33	404	3	0	33	408	10	2
34	416	6	0	34	421	2	10
35	428	9	0	35	433	7	6
36	441	0	0	36	446	0	2
37	453	3	0	37	458	4	10
38	465	6	0	38	470	9	6
39	477	9	0	39	483	2	2
40	490	0	0	40	495	6	10
41	502	3	0	41	507	11	6
42	514	6	0	42	520	4	2
43	526	9	0	43	532	8	10
44	539	0	0	44	545	1	6
45	551	3	0	45	557	6	2
46	563	6	0	46	569	10	10
47	575	9	0	47	582	3	6
48	588	0	0	48	594	8	3
49	600	3	0	49	607	0	11
50	612	6	0	50	619	5	7

Ft. long	Side 42 ½			Ft. long	Side 42 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	12	6	6	1	12	8	3
2	25	1	0	2	25	4	7
3	37	7	6	3	38	0	10
4	50	2	1	4	50	9	2
5	62	8	7	5	63	5	5
6	75	3	1	6	76	1	9
7	87	9	7	7	88	10	0
8	100	4	2	8	101	6	4
9	112	10	8	9	114	2	8
10	125	5	2	10	126	10	11
11	137	11	8	11	139	7	3
12	150	6	3	12	152	3	6
13	163	0	9	13	164	11	10
14	175	7	3	14	177	8	1
15	188	1	9	15	190	4	5
16	200	8	4	16	203	0	9
17	213	2	10	17	215	9	0
18	225	9	4	18	228	5	4
19	238	3	10	19	241	1	7
20	250	10	5	20	253	9	11
21	263	4	11	21	266	6	2
22	275	11	5	22	279	2	6
23	288	5	11	23	291	10	9
24	301	0	6	24	304	7	1
25	313	7	0	25	317	3	5
26	326	1	6	26	329	11	8
27	338	8	0	27	342	8	0
28	351	2	7	28	355	4	3
29	363	9	1	29	368	0	7
30	376	3	7	30	380	8	10
31	388	10	1	31	393	5	2
32	401	4	8	32	406	1	6
33	413	11	2	33	418	9	9
34	426	5	8	34	431	6	1
35	439	0	2	35	444	2	4
36	451	6	9	36	456	10	8
37	464	1	3	37	469	6	11
38	476	7	9	38	482	3	3
39	489	2	3	39	494	11	6
40	501	8	10	40	507	7	10
41	514	3	4	41	520	4	2
42	526	9	10	42	533	0	5
43	539	4	4	43	545	8	9
44	551	10	11	44	558	5	0
45	564	5	5	45	571		
46	576	11	11	46	583	9	7
47	589	6	5	47	596	5	11
48	602	1	0	48	609	2	3
49	614	7	6	9	621	10	6
50	627	2	0	50	634	6	10

Ft. long	Side 43 Incn.			Ft. long	Side 43 a		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	12	10	1	1	12	11	10
2	25	8	2	2	25	11	9
3	38	6	3	3	38	11	7
4	51	4	4	4	51	11	6
5	64	2	5	5	64	11	4
6	77	0	6	6	77	11	3
7	89	10	7	7	90	11	1
8	102	8	8	8	103	11	0
9	115	6	9	9	116	10	11
10	128	4	10	10	129	10	9
11	141	2	11	11	142	10	8
12	154	1	0	12	155	10	6
13	166	11	1	13	168	10	5
14	179	9	2	14	181	10	3
15	192	7	3	15	194	10	2
16	205	5	4	16	207	10	1
17	218	3	5	17	220	9	11
18	231	1	6	18	233	9	10
19	243	11	7	19	246	9	8
20	256	9	8	20	259	9	7
21	269	7	9	21	272	9	5
22	282	5	10	22	285	9	4
23	295	3	11	23	298	9	2
24	308	2	0	24	311	9	1
25	321	0	1	25	324	9	0
26	333	10	2	26	337	8	10
27	346	8	3	27	350	8	9
28	359	6	4	28	363	8	7
29	372	4	5	29	376	8	6
30	385	2	6	30	389	8	4
31	398	0	7	31	402	8	3
32	410	10	8	32	415	8	2
33	423	8	9	33	428	8	0
34	436	6	10	34	441	7	11
35	449	4	11	35	454	7	9
36	462	3	0	36	467	7	8
37	475	1	1	37	480	7	6
38	487	11	2	38	493	7	5
39	500	9	3	39	506	7	3
40	513	7	4	40	519	7	2
41	526	5	5	41	532	7	1
42	539	3	6	42	545	6	11
43	552	1	7	43	558	6	10
44	564	11	8	44	571	6	8
45	577	9	9	45	584	6	7
46	590	7	10	46	597	6	5
47	603	5	11	47	610	6	4
48	616	4	0	48	623	6	3
49	629	2	1	49	636	6	1
50	642	0	2	50	649	6	0

Ft. long	Side 43 ½ Ft.	In.	Pa.	Ft. long	Side 43 ¾ Ft.	In.	Pa
1	13	1	8	1	13	3	0
2	26	3	4	2	26	7	0
3	39	5	0	3	39	10	0
4	52	6	9	4	53	2	0
5	65	8	5	5	66	5	0
6	78	10	1	6	79	9	0
7	91	11	9	7	93	0	0
8	105	1	6	8	106	4	0
9	118	3	2	9	119	7	6
10	131	4	10	10	132	11	0
11	144	6	6	11	146	2	6
12	157	8	3	12	159	6	0
13	170	9	11	13	172	9	6
14	183	11	7	14	186	1	0
15	197	1	3	15	199	4	6
16	210	3	0	16	212	8	1
17	223	4	8	17	225	11	7
18	236	6	4	18	239	3	1
19	249	8	0	19	252	6	7
20	262	9	9	20	265	10	1
21	275	11	5	21	279	1	7
22	289	1	1	22	292	5	1
23	302	2	9	23	305	8	7
24	315	4	6	24	319	0	1
25	328	6	2	25	332	3	7
26	341	7	10	26	345	7	1
27	354	9	6	27	358	10	7
28	367	11	3	28	372	2	1
29	381	0	11	29	385	5	7
30	394	2	7	30	398	9	1
31	407	4	3	31	412	0	7
32	420	6	0	32	425	4	2
33	433	7	8	33	438	7	8
34	446	9	4	34	451	11	2
35	459	11	0	35	465	2	8
36	473	0	9	36	478	6	2
37	486	2	5	37	491	9	8
38	499	4	1	38	505	1	2
39	512	5	9	39	518	4	8
40	525	7	6	40	531	8	2
41	538	9	2	41	544	11	8
42	551	10	10	42	558	3	2
43	565	0	6	43	571	6	8
44	578	2	3	44	584	10	2
45	591	3	11	45	598	1	8
46	604	5	7	46	611	5	2
47	617	7	3	47	624	8	8
48	630	9	0	48	638	0	3
49	643	10	8	49	651	3	9
50	657	0	4	50	664	7	3

Ft. long	Side 44 Inch.			Ft. long	Side 44 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	13	5	4	1	13	7	2
2	26	10	8	2	27	2	4
3	40	4	0	3	40	9	6
4	53	9	4	4	54	4	8
5	67	2	8	5	67	11	10
6	80	8	0	6	81	7	0
7	94	1	4	7	95	2	2
8	107	6	8	8	108	9	4
9	121	0	0	9	122	4	6
10	134	5	4	10	135	11	8
11	147	10	8	11	149	6	10
12	161	4	0	12	163	2	0
13	174	9	4	13	176	9	2
14	188	2	8	14	190	4	4
15	201	8	0	15	203	11	6
16	215	1	4	16	217	6	9
17	228	6	8	17	231	1	11
18	242	0	0	18	244	9	1
19	255	5	4	19	258	4	3
20	263	10	8	20	271	11	5
21	282	4	0	21	285	6	7
22	295	9	4	22	299	1	9
23	309	2	8	23	312	8	11
24	322	8	0	24	326	4	1
25	336	1	4	25	339	11	3
26	349	6	8	26	353	6	5
27	363	0	0	27	367	1	7
28	376	5	4	28	380	8	9
29	389	10	8	29	394	3	11
30	403	4	0	30	407	11	1
31	416	9	4	31	421	6	3
32	430	2	8	32	435	1	6
33	443	8	0	33	448	8	8
34	457	1	4	34	462	3	10
35	470	6	8	35	475	11	0
36	484	0	0	36	489	6	2
37	497	5	4	37	503	1	4
38	510	10	8	38	516	8	6
39	524	4	0	39	530	3	8
40	537	9	4	40	543	10	10
41	551	2	8	41	557	6	0
42	564	8	0	42	571	1	2
43	578	1	4	43	584	8	4
44	591	6	8	44	598	3	6
45	605	0	0	45	611	10	8
46	618	5	4	46	625	5	10
47	631	10	8	47	639	1	0
48	644	4	0	48	652	8	3
49	657	9	4	49	666	3	5
50	671	2	8	50	679	10	7

Pt. long.	Side 44 ½			Pt. long.	Side 44 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	13	9	0	1	13	10	10
2	27	6	0	2	27	9	9
3	41	3	0	3	41	8	7
4	55	0	1	4	55	7	6
5	68	9	1	5	69	6	4
6	82	6	1	6	83	5	3
7	96	3	1	7	97	4	1
8	110	0	2	8	111	3	0
9	123	9	2	9	125	1	11
10	137	6	2	10	139	0	9
11	151	3	2	11	152	11	8
12	165	0	3	12	166	10	6
13	178	9	3	13	180	9	5
14	192	6	3	14	194	8	3
15	206	3	3	15	208	7	2
16	220	0	4	16	222	6	1
17	233	9	4	17	236	4	11
18	247	6	4	18	250	3	10
19	261	3	4	19	264	2	8
20	275	0	5	20	278	1	7
21	288	9	5	21	292	0	5
22	302	6	5	22	305	11	4
23	316	3	5	23	319	10	2
24	330	0	6	24	333	9	1
25	343	9	6	25	347	8	0
26	357	6	6	26	361	6	10
27	371	3	6	27	375	5	9
28	385	0	7	28	389	4	7
29	398	9	7	29	403	3	6
30	412	6	7	30	417	2	4
31	426	3	7	31	431	1	3
32	440	0	8	32	445	0	2
33	453	9	8	33	458	11	0
34	467	6	8	34	472	9	11
35	481	3	8	35	486	8	9
36	495	0	9	36	500	7	8
37	508	9	9	37	514	6	6
38	522	6	9	38	528	5	5
39	536	3	9	39	542	4	3
40	550	0	10	40	556	3	2
41	563	9	10	41	570	2	1
42	577	6	10	42	584	0	11
43	591	3	10	43	597	11	10
44	605	0	11	44	611	10	8
45	618	9	11	45	625	9	7
46	632	6	11	46	639	8	5
47	646	3	11	47	653	7	4
48	660	1	0	48	667	6	3
49	673	10	0	49	681	5	1
50	687	7	0	50	695	4	0

Ft. long	Side 45 Inch.			Ft. long	Side 45 ½		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	14	0	9	1	14	2	7
2	28	1	6	2	28	5	3
3	42	2	3	3	42	7	10
4	56	3	0	4	56	10	6
5	70	3	9	5	71	1	1
6	84	4	6	6	85	3	9
7	98	5	3	7	99	6	4
8	112	6	0	8	113	9	0
9	126	6	9	9	127	11	8
10	140	7	6	10	142	2	3
11	154	8	3	11	156	4	11
12	168	9	0	12	170	7	6
13	182	9	9	13	184	10	2
14	196	10	6	14	199	0	9
15	210	11	3	15	213	3	5
16	225	0	0	16	227	6	1
17	239	0	9	17	241	8	8
18	253	1	6	18	255	11	4
19	267	2	3	19	270	1	11
20	281	3	0	20	284	4	7
21	295	3	9	21	298	7	2
22	309	4	6	22	312	9	10
23	323	5	3	23	327	0	5
24	337	6	0	24	341	3	1
25	351	6	9	25	355	5	9
26	365	7	6	26	369	8	4
27	379	8	3	27	383	11	0
28	393	9	0	28	398	1	7
29	407	9	9	29	412	4	3
30	421	10	6	30	426	6	10
31	435	11	3	31	440	9	6
32	450	0	0	32	455	0	2
33	464	0	9	33	469	2	9
34	478	1	6	34	483	5	5
35	492	2	3	35	497	8	0
36	506	3	0	36	511	10	8
37	520	3	9	37	526	1	3
38	534	4	6	38	540	3	11
39	548	5	3	39	554	6	6
40	562	6	0	40	568	9	2
41	576	6	9	41	582	11	10
42	590	7	6	42	597	2	5
43	604	8	3	43	611	5	1
44	618	9	0	44	625	7	8
45	632	9	9	45	639	10	4
46	646	10	6	46	654	0	11
47	660	11	3	47	668	3	7
48	675	0	0	48	682	6	3
49	689	0	9	49	696	9	0
50	703	1	6	50	710	11	8

Ft. long	Side 45 ¼ Ft.	In.	Pa.	Ft. long	Side 45 ¼ Ft.	In.	Pa.
1	14	4	6	1	14	6	5
2	28	9	0	2	29	0	10
3	43	1	6	3	43	7	3
4	57	6	1	4	58	1	8
5	71	10	7	5	72	8	1
6	86	3	1	6	87	2	6
7	100	7	7	7	101	8	11
8	115	0	2	8	116	3	4
9	129	4	8	9	130	9	9
10	143	9	2	10	145	4	2
11	158	1	8	11	159	10	7
12	172	6	3	12	174	5	0
13	186	10	9	13	188	11	5
14	201	3	3	14	203	5	10
15	215	7	9	15	218	0	3
16	230	0	4	16	232	6	9
17	244	4	10	17	247	1	2
18	258	9	4	18	261	7	7
19	273	1	10	19	276	2	0
20	287	6	5	20	290	8	5
21	301	10	11	21	305	2	10
22	316	3	5	22	319	9	3
23	330	7	11	23	334	3	8
24	345	0	6	24	348	10	1
25	359	5	0	25	363	4	6
26	373	9	6	26	377	10	11
27	388	2	0	27	392	5	4
28	402	6	7	28	406	11	9
29	416	11	1	29	421	6	2
30	431	3	7	30	436	0	7
31	445	8	1	31	450	7	0
32	460	0	8	32	465	1	6
33	474	5	2	33	479	7	11
34	488	9	8	34	494	2	4
35	503	2	2	35	508	8	9
36	517	6	9	36	523	3	2
37	531	11	3	37	537	9	7
38	546	3	9	38	552	4	0
39	560	8	3	39	566	10	5
40	575	0	10	40	581	4	10
41	589	5	4	41	595	11	3
42	603	9	10	42	610	5	8
43	618	2	4	43	625	0	1
44	632	6	11	44	639	6	6
45	646	11	5	45	654	0	11
46	661	3	11	46	668	7	4
	675	8	5	47	683	1	9
	690	1	0	48	697	8	3
	704	5	6	49	712	2	8
	718	10	0	50	726	9	1

Ft. long	Side 46 Inch.			Ft. long	Side 46 ¼		
	Ft.	In.	Pa.		Ft.	In	Pa.
1	14	8	4	1	14	10	3
2	29	4	8	2	29	8	6
3	44	1	0	3	44	6	9
4	58	9	4	4	59	5	0
5	73	5	8	5	74	3	3
6	88	2	0	6	89	1	6
7	102	10	4	7	103	11	9
8	117	6	8	8	118	10	0
9	132	3	0	9	133	8	3
10	146	11	4	10	148	6	6
11	161	7	8	11	163	4	9
12	176	4	0	12	178	3	0
13	191	0	4	13	193	1	3
14	205	8	8	14	207	11	6
15	220	5	0	15	222	9	9
16	235	1	4	16	237	8	1
17	249	9	8	17	252	6	4
18	264	6	0	18	267	4	7
19	279	2	4	19	282	2	10
20	293	10	8	20	297	1	1
21	308	7	0	21	311	11	4
22	323	3	4	22	326	9	7
23	337	11	8	23	341	7	10
24	352	8	0	24	356	6	1
25	367	4	4	25	371	4	4
26	382	0	8	26	386	2	7
27	396	9	0	27	401	0	10
28	411	5	4	28	415	11	1
29	426	1	8	29	430	9	4
30	440	10	0	30	445	7	7
31	455	6	4	31	460	5	10
32	470	2	8	32	475	4	2
33	484	11	0	33	490	2	5
34	499	7	4	34	505	0	8
35	514	3	8	35	519	10	11
36	529	0	0	36	534	9	2
37	543	8	4	37	549	7	5
38	558	4	8	38	564	5	8
39	573	1	0	39	579	3	11
40	587	9	4	40	594	2	2
41	602	5	8	41	609	0	5
42	617	2	0	42	623	10	8
43	631	10	4	43	638	8	11
44	646	6	8	44	653	7	2
45	661	3	0	45	668	5	5
46	675	11	4	46	683	3	8
47	690	7	8	47	698	1	
48	705	4	0	48	713	0	
49	720	0	4	49	727	10	
50	734	8	4	50	742	8	

Ft. long	Side 46 ½			Ft. long	Side 46 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	15	0	2	1	15	2	1
2	30	0	4	2	30	4	3
3	45	0	6	3	45	6	4
4	60	0	9	4	60	8	
5	75	0	11	5	75	10	7
6	90	1	1	6	91	0	9
7	105	1	3	7	106	2	10
8	120	1	6	8	121	5	0
9	135	1	8	9	136	7	2
10	150	1	10	10	151	9	3
11	165	2	0	11	166	11	5
12	180	2	3	12	182	1	6
13	195	2	5	13	197	3	8
14	210	2	7	14	212	5	9
15	225	2	9	15	227	7	11
16	240	3	0	16	242	10	1
17	255	3	2	17	258	0	2
18	270	3	4	18	273	2	4
19	285	3	6	19	288	4	5
20	300	3	9	20	303	6	7
21	315	3	11	21	318	8	8
22	330	4	1	22	333	10	10
23	345	4	3	23	349	0	11
24	360	4	6	24	364	3	1
25	375	4	8	25	379	5	3
26	390	4	10	26	394	7	4
27	405	5	0	27	409	9	6
28	420	5	3	28	424	11	7
29	435	5	5	29	440	1	9
30	450	5	7	30	455	3	10
31	465	5	9	31	470	6	0
32	480	6	0	32	485	8	2
33	495	6	2	33	500	10	3
34	510	6	4	34	516	0	5
35	525	6	6	35	531	2	6
36	540	6	9	36	546	4	8
37	555	6	11	37	561	6	9
38	570	7	1	38	576	8	11
39	585	7	3	39	591	11	0
40	600	7	6	40	607	1	2
41	615	7	8	41	622	3	4
42	630	7	10	42	637	5	5
43	645	8	0	43	652	7	7
44	660	8	3	44	667	9	8
45	675	8	5	45	682	11	10
46	690	8	7	46	698	1	11
47	705	8	9	47	713	4	1
48	720	9	0	48	728	6	3
49	735	9	2	49	743	8	4
50	750	9	4	50	758	10	6

Ft. long	Side 47 Inch.			Ft. long	Side 47 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	15	4	1	1	15	6	0
2	30	8	2	2	31	0	1
3	46	0	3	3	46	6	1
4	61	4	4	4	62	0	2
5	76	8	5	5	77	6	2
6	92	0	6	6	93	0	3
7	107	4	7	7	108	6	3
8	122	8	8	8	124	0	4
9	138	0	9	9	139	6	5
10	153	4	10	10	155	0	5
11	168	8	11	11	170	6	6
12	184	1	0	12	186	0	6
13	199	5	1	13	201	6	7
14	214	9	2	14	217	0	7
15	230	1	3	15	232	6	8
16	245	5	4	16	248	0	9
17	260	9	5	17	263	6	9
18	276	1	6	18	279	0	10
19	291	5	7	19	294	6	10
20	306	9	8	20	310	0	11
21	322	1	9	21	325	6	11
22	337	5	10	22	341	1	0
23	352	9	11	23	356	7	0
24	368	2	0	24	372	1	1
25	383	6	1	25	387	7	2
26	398	10	2	26	403	1	2
27	414	2	3	27	418	7	3
28	429	6	4	28	434	1	3
29	444	10	5	29	449	7	4
30	460	2	6	30	465	1	4
31	475	6	7	31	480	7	5
32	490	10	8	32	496	1	6
33	506	2	9	33	511	7	6
34	521	6	10	34	527	1	7
35	536	10	11	35	542	7	7
36	552	3	0	36	558	1	8
37	567	7	1	37	573	7	8
38	582	11	2	38	589	1	9
39	598	3	3	39	604	7	9
40	613	7	4	40	620	1	10
41	628	11	5	41	635	7	11
42	644	3	6	42	651	1	11
43	659	7	7	43	666	8	0
44	674	11	8	44	682	2	0
45	690	3	9	45	697	8	1
46	705	7	10	46	713	2	1
47	720	11	11	47	728	8	2
48	736	4	0	48	744	2	3
49	751	8	1	49	759	8	3
50	767	0	2	50	775	2	4

Ft. long	Side 47 ½			Ft. long	Side 47 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	15	8	0	1	15	10	0
2	31	4	0	2	31	8	0
3	47	0	0	3	47	6	0
4	62	8	1	4	63	4	0
5	78	4	1	5	79	2	0
6	94	0	1	6	95	0	0
7	109	8	1	7	110	10	0
8	125	4	2	8	126	8	0
9	141	0	2	9	142	6	0
10	156	8	2	10	158	4	0
11	172	4	2	11	174	2	0
12	188	0	3	12	190	0	0
13	203	8	3	13	205	10	0
14	219	4	3	14	221	8	0
15	235	0	3	15	237	6	0
16	250	8	4	16	253	4	1
17	266	4	4	17	269	2	1
18	282	0	4	18	285	0	1
19	297	8	4	19	300	10	1
20	313	4	5	20	316	8	1
21	329	0	5	21	332	6	1
22	344	8	5	22	348	4	1
23	360	4	5	23	364	2	1
24	376	0	6	24	380	0	1
25	391	8	6	25	395	10	1
26	407	4	6	26	411	8	1
27	423	0	6	27	427	6	1
28	438	8	7	28	443	4	1
29	454	4	7	29	459	2	1
30	470	0	7	30	475	0	1
31	485	8	7	31	490	10	1
32	501	4	8	32	506	8	2
33	517	0	8	33	522	6	2
34	532	8	8	34	538	4	2
35	548	4	8	35	554	2	2
36	564	0	9	36	570	0	2
37	579	8	9	37	585	10	2
38	595	4	9	38	601	8	2
39	611	0	9	39	617	6	2
40	626	8	10	40	633	4	2
41	642	4	10	41	649	2	2
42	658	0	10	42	665	0	2
43	673	8	10	43	680	10	2
44	689	4	11	44	696	8	2
45	705	0	11	45	712	6	2
46	720	8	11	46	728	4	2
47	736	4	11	47	744	2	2
48	752	1	0	48	760	0	3
49	767	9	0	49	775	10	3
50	783	5	0	50	791	8	3

Ft. log	Side 48 Inch.			Ft. log	Side 48 ½		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	16	0	0	1	16	2	0
2	32	0	0	2	32	4	0
3	48	0	0	3	48	6	0
4	64	0	0	4	64	8	0
5	80	0	0	5	80	10	0
6	96	0	0	6	97	0	0
7	112	0	0	7	113	2	0
8	128	0	0	8	129	4	0
9	144	0	0	9	145	6	0
10	160	0	0	10	161	8	0
11	176	0	0	11	177	10	0
12	192	0	0	12	194	0	0
13	208	0	0	13	210	2	0
14	224	0	0	14	226	4	0
15	240	0	0	15	242	6	0
16	256	0	0	16	258	8	1
17	272	0	0	17	274	10	1
18	288	0	0	18	291	0	1
19	304	0	0	19	307	2	1
20	320	0	0	20	323	4	1
21	336	0	0	21	339	6	1
22	352	0	0	22	355	8	1
23	368	0	0	23	371	10	1
24	384	0	0	24	388	0	1
25	400	0	0	25	404	2	1
26	416	0	0	26	420	4	1
27	432	0	0	27	436	6	1
28	448	0	0	28	452	8	1
29	464	0	0	29	468	10	1
30	480	0	0	30	485	0	1
31	496	0	0	31	501	2	1
32	512	0	0	32	517	4	2
33	528	0	0	33	533	6	2
34	544	0	0	34	549	8	2
35	560	0	0	35	565	10	2
36	576	0	0	36	582	0	2
37	592	0	0	37	598	2	2
38	608	0	0	38	614	4	2
39	624	0	0	39	630	6	2
40	640	0	0	40	646	8	2
41	656	0	0	41	662	10	2
42	672	0	0	42	679	0	2
43	688	0	0	43	695	2	2
44	704	0	0	44	711	4	2
45	720	0	0	45	727	6	2
46	736	0	0	46	743	8	2
47	752	0	0	47	759	10	2
48	768	0	0	48	776	0	3
49	784	0	0	49	792	2	3
50	800	0	0	50	808	4	3

Ft. long	Side 48 ½			Ft. long	Side 48 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	16	4	0	1	16	6	0
2	32	8	0	2	33	0	1
3	49	0	0	3	49	6	1
4	65	4	1	4	66	0	2
5	81	8	1	5	82	6	2
6	98	0	1	6	99	0	3
7	114	4	1	7	115	6	3
8	130	8	2	8	132	0	4
9	147	0	2	9	148	6	5
10	163	4	2	10	165	0	5
11	179	8	2	11	181	6	6
12	196	0	3	12	198	0	6
13	212	4	3	13	214	6	7
14	228	8	3	14	231	0	7
15	245	0	3	15	247	6	8
16	261	4	4	16	264	0	9
17	277	8	4	17	280	6	9
18	294	0	4	18	297	0	10
19	310	4	4	19	313	6	10
20	326	8	5	20	330	0	11
21	343	0	5	21	346	6	11
22	359	4	5	22	363	1	0
23	375	8	5	23	379	7	0
24	392	0	6	24	396	1	1
25	408	4	6	25	412	7	1
26	424	8	6	26	429	1	2
27	441	0	6	27	445	7	2
28	457	4	7	28	462	1	3
29	473	8	7	29	478	7	4
30	490	0	7	30	495	1	4
31	506	4	7	31	511	7	5
32	522	8	8	32	528	1	5
33	539	0	8	33	544	7	6
34	555	4	8	34	561	1	6
35	571	8	8	35	577	7	7
36	588	0	9	36	594	1	8
37	604	4	9	37	610	7	8
38	620	8	9	38	627	1	9
39	637	0	9	39	643	7	9
40	653	4	10	40	660	1	10
41	669	8	10	41	676	7	10
42	686	0	10	42	693	1	11
43	702	4	10	43	709	7	11
44	718	8	11	44	726	2	0
45	735	0	11	45	742	8	1
46	751	4	11	46	759	2	1
47	767	8	11	47	775	8	2
48	784	1	0	48	792	2	2
49	800	5	0	49	808	8	3
50	816	9	0	50	825	4	3

Ft. long	Side 49 Inch.			Ft. long	Side 49 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	16	8	1	1	16	10	1
2	33	4	2	2	33	8	3
3	50	0	3	3	50	6	4
4	66	8	4	4	67	4	6
5	83	4	5	5	84	2	7
6	100	0	6	6	101	0	9
7	116	8	7	7	117	10	10
8	133	4	8	8	134	9	0
9	150	0	9	9	151	7	2
10	166	8	10	10	168	5	3
11	183	4	11	11	185	3	5
12	200	1	0	12	202	1	6
13	216	9	1	13	218	11	8
14	233	5	2	14	235	9	9
15	250	1	3	15	252	7	11
16	266	9	4	16	269	6	1
17	283	5	5	17	286	4	2
18	300	1	6	18	303	2	4
19	316	9	7	19	320	0	5
20	333	5	8	20	336	10	7
21	350	1	9	21	353	8	8
22	366	9	10	22	370	6	10
23	383	5	11	23	387	4	11
24	400	2	0	24	404	3	1
25	416	10	1	25	421	1	3
26	433	6	2	26	437	11	4
27	450	2	3	27	454	9	6
28	466	10	4	28	471	7	7
29	483	6	5	29	488	5	9
30	500	2	6	30	505	3	10
31	516	10	7	31	522	2	0
32	533	6	8	32	539	0	2
33	550	2	9	33	555	10	3
34	566	10	10	34	572	8	5
35	583	6	11	35	589	6	6
36	600	3	0	36	606	4	8
37	616	11	1	37	623	2	9
38	633	7	2	38	640	0	11
39	650	3	3	39	656	11	1
40	666	11	4	40	673	9	2
41	683	7	5	41	690	7	4
42	700	3	6	42	707	5	5
43	716	11	7	43	724	3	7
44	733	7	8	44	741	1	8
45	750	3	9	45	757	11	10
46	766	11	10	46	774	10	0
47	783	7	11	47	791	8	1
48	800	4	0	48	808	6	3
49	817	0	1	49	825	4	4
50	833	8	2	50	842	2	6

Pa. long	Side 49 $\frac{1}{4}$			Pa. long	Side 49 $\frac{2}{4}$		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	17	0	2	1	17	2	3
2	34	0	4	2	34	4	6
3	51	0	6	3	51	6	9
4	68	0	9	4	68	9	0
5	85	0	11	5	85	11	3
6	102	1	1	6	103	1	6
7	119	1	3	7	120	3	9
8	136	1	6	8	137	6	0
9	153	1	8	9	154	8	3
10	170	1	10	10	171	10	6
11	187	2	0	11	189	0	9
12	204	2	3	12	206	3	0
13	221	2	5	13	223	5	3
14	238	2	7	14	240	7	6
15	255	2	9	15	257	9	9
16	272	3	0	16	275	0	1
17	289	3	2	17	292	2	4
18	306	3	4	18	309	4	7
19	323	3	6	19	326	6	10
20	340	3	9	20	343	9	1
21	357	3	11	21	360	11	4
22	374	4	1	22	378	1	7
23	391	4	3	23	395	3	10
24	408	4	6	24	412	6	1
25	425	4	8	25	429	8	4
26	442	4	10	26	446	10	7
27	459	5	0	27	464	0	10
28	476	5	3	28	481	3	1
29	493	5	5	29	498	5	4
30	510	5	7	30	515	7	7
31	527	5	9	31	532	9	10
32	544	6	0	32	550	0	2
33	561	6	2	33	567	2	5
34	578	6	4	34	584	4	8
35	595	6	6	35	601	6	11
36	612	6	9	36	618	9	2
37	629	6	11	37	635	11	5
38	646	7	1	38	653	1	8
39	663	7	3	39	670	3	11
40	680	7	6	40	687	6	2
41	697	7	8	41	704	8	5
42	714	7	10	42	721	10	8
43	731	8	0	43	739	0	11
44	748	8	3	44	756	3	2
45	765	8	5	45	773	5	5
46	782	8	7	46	790	7	8
47	799	8	9	47	807	9	11
48	816	9	0	48	825	0	2
49	833	9	2	49	842	2	5
50	850	9	4	50	859	4	8

Ft. long	Side 50 Inch.			Ft. long	Side 50 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	17	4	4	1	17	6	5
2	34	8	8	2	35	0	10
3	52	1	0	3	52	7	3
4	69	5	4	4	70	1	8
5	86	9	8	5	87	8	1
6	104	2	0	6	105	2	6
7	121	6	4	7	122	8	11
8	138	10	8	8	140	3	4
9	156	3	0	9	157	9	9
10	173	7	4	10	175	4	2
11	190	11	8	11	192	10	7
12	208	4	0	12	210	5	0
13	225	8	4	13	227	11	5
14	243	0	8	14	245	5	10
15	260	5	0	15	263	0	3
16	277	9	4	16	280	6	9
17	295	1	8	17	298	1	2
18	312	6	0	18	315	7	7
19	329	10	4	19	333	2	0
20	347	2	8	20	350	8	5
21	364	7	0	21	368	2	10
22	381	11	4	22	385	9	3
23	399	3	8	23	403	3	8
24	416	8	0	24	420	10	1
25	434	0	4	25	438	4	6
26	451	4	8	26	455	10	11
27	468	9	0	27	473	5	4
28	486	1	4	28	490	11	9
29	503	5	8	29	508	6	2
30	520	10	0	30	526	0	7
31	538	2	4	31	543	7	0
32	555	6	8	32	561	1	6
33	572	11	0	33	578	7	11
34	590	3	4	34	596	2	4
35	607	7	8	35	613	8	9
36	625	0	0	36	631	3	2
37	642	4	4	37	648	9	7
38	659	8	8	38	666	4	0
39	677	1	0	39	683	10	5
40	694	5	4	40	701	4	10
41	711	9	8	41	718	11	3
42	729	2	0	42	736	5	8
43	747	6	4	43	754	0	1
44	764	10	8	44	771	6	6
45	782	3	0	45	789	0	11
46	799	7	4	46	806	7	4
47	816	11	8	47	824	1	9
48	834	4	0	48	841	8	3
49	851	8	4	49	859	2	8
50	869	0	8	50	876	9	1

Ft. long	Side 50 ½ Ft.	In.	Pa.
1	17	8	0
2	35	5	0
3	53	1	6
4	70	10	1
5	88	6	7
6	106	3	1
7	123	11	7
8	141	8	2
9	159	4	8
10	177	1	2
11	194	9	8
12	212	6	3
13	230	2	9
14	247	11	3
15	265	7	9
16	283	4	4
17	301	0	10
18	318	9	4
19	336	5	10
20	354	2	5
21	371	10	11
22	389	7	5
23	407	3	11
24	425	0	6
25	442	9	0
26	460	5	6
27	478	2	0
28	495	10	7
29	513	7	1
30	531	3	7
31	549	0	1
32	566	8	8
33	584	5	2
34	602	1	8
35	619	10	2
36	637	6	9
37	655	3	3
38	672	11	9
39	690	8	3
40	708	4	10
41	726	1	4
42	743	9	10
43	761	6	4
44	779	2	11
45	796	11	5
46	814	7	11
47	832	4	5
48	850	1	0
49	867	9	6
50	885	6	0

Ft. long	Side 50 ¾ Ft.	In.	Pa.
1	17	10	7
2	35	9	3
3	53	7	10
4	71	6	6
5	89	5	1
6	107	3	9
7	125	2	4
8	143	1	0
9	160	11	8
10	178	10	3
11	196	8	11
12	214	7	6
13	232	6	2
14	250	4	9
15	268	3	5
16	286	2	1
17	304	0	8
18	321	11	4
19	339	9	11
20	357	8	7
21	375	7	2
22	393	5	10
23	411	4	5
24	429	3	1
25	447	1	9
26	465	0	4
27	482	11	0
28	500	9	7
29	518	8	3
30	536	6	10
31	554	5	6
32	572	4	2
33	590	2	9
34	608	1	5
35	626	0	0
36	643	10	8
37	661	9	3
38	679	7	11
39	697	6	6
40	715	5	2
41	733	3	10
42	751	2	5
43	769	1	1
44	786	11	8
45	804	10	4
46	822	8	11
47	840	7	7
48	858	6	3
49	876	4	10
50	894	3	6

Ft. long	Side 51 Inch.			Ft. long	Side 51 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	18	0	9	1	18	2	10
2	36	1	6	2	36	5	9
3	54	2	3	3	54	8	7
4	72	3	0	4	72	11	6
5	90	3	9	5	91	2	4
6	108	4	6	6	109	5	3
7	126	5	3	7	127	8	1
8	144	6	0	8	145	11	0
9	162	6	9	9	164	1	11
10	180	7	6	10	182	4	9
11	198	8	3	11	200	7	8
12	216	9	0	12	218	10	6
13	234	9	9	13	237	1	5
14	252	10	6	14	255	4	3
15	270	11	3	15	273	7	2
16	289	0	0	16	291	10	1
17	307	0	9	17	310	0	11
18	325	1	6	18	328	3	10
19	343	2	3	19	346	6	8
20	361	3	0	20	364	9	7
21	379	3	9	21	383	0	5
22	397	4	6	22	401	3	4
23	415	5	3	23	419	6	2
24	433	6	0	24	437	9	1
25	451	6	9	25	456	0	0
26	469	7	6	26	474	2	10
27	487	8	3	27	492	5	9
28	505	9	0	28	510	8	7
29	523	9	9	29	528	11	6
30	541	10	6	30	547	2	4
31	559	11	3	31	565	5	3
32	578	0	0	32	583	8	2
33	596	0	9	33	601	11	0
34	614	1	6	34	620	1	11
35	632	2	3	35	638	4	9
36	650	3	0	36	656	7	8
37	668	3	9	37	674	10	6
38	686	4	6	38	693	1	5
39	704	5	3	39	711	4	3
40	722	6	0	40	729	7	2
41	740	6	9	41	747	10	1
42	758	7	6	42	766	0	11
43	776	8	3	43	784	3	10
44	794	9	0	44	802	6	8
45	812	9	9	45	820	9	7
46	830	10	6	46	839	0	5
47	848	11	3	47	857	3	4
48	867	0	0	48	875	6	3
49	885	0	9	49	893	9	1
50	903	1	6	50	912	0	0

Ft. long	Side 51 ½			Ft. long	Side 51 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	18	5	0	1	18	7	1
2	36	10	0	2	37	2	2
3	55	3	0	3	55	9	3
4	73	8	1	4	74	4	4
5	92	1	1	5	92	11	5
6	110	6	1	6	111	6	6
7	128	11	1	7	130	1	7
8	147	4	2	8	148	8	8
9	165	9	2	9	167	3	9
10	184	2	2	10	185	10	10
11	202	7	2	11	204	5	11
12	221	0	3	12	223	1	0
13	239	5	3	13	241	8	1
14	257	10	3	14	260	3	2
15	276	3	3	15	278	10	3
16	294	8	4	16	297	5	5
17	313	1	4	17	316	0	6
18	331	6	4	18	334	7	7
19	349	11	4	19	353	2	8
20	368	4	5	20	371	9	9
21	386	9	5	21	390	4	10
22	405	2	5	22	408	11	11
23	423	7	5	23	427	7	0
24	442	0	6	24	446	2	1
25	460	5	6	25	464	9	2
26	478	10	6	26	483	4	3
27	497	3	6	27	501	11	4
28	515	8	7	28	520	6	5
29	534	1	7	29	539	1	6
30	552	6	7	30	557	8	7
31	570	11	7	31	576	3	8
32	589	4	8	32	594	10	10
33	607	9	8	33	613	5	11
34	626	2	8	34	632	1	0
35	644	7	8	35	650	8	1
36	663	0	9	36	669	3	2
37	681	5	9	37	687	10	3
38	699	10	9	38	706	5	4
39	718	3	9	39	725	0	5
40	736	8	10	40	743	7	6
41	755	1	10	41	762	3	7
42	773	6	10	42	780	10	8
43	791	11	10	43	809	5	9
44	810	4	11	44	818	0	10
45	828	9	11	45	836	7	11
46	847	2	11	46	855	3	0
47	865	7	11	47	873	10	1
48	884	1	0	48	892	5	3
49	902	6	0	49	911	0	4
50	920	11	0	50	928	7	5

Ft. long	Side 52 Inch.			Ft. long	Side 52¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	18	9	4	1	18	11	6
2	37	6	8	2	37	11	0
3	56	4	0	3	56	10	6
4	75	1	4	4	75	10	0
5	93	10	8	5	94	9	6
6	112	8	0	6	113	9	0
7	131	5	4	7	132	8	6
8	150	2	8	8	151	8	0
9	169	0	0	9	170	7	6
10	187	9	4	10	189	7	0
11	206	6	8	11	208	6	6
12	225	4	0	12	227	6	0
13	244	1	4	13	246	5	6
14	262	10	8	14	265	5	0
15	281	8	0	15	284	4	6
16	300	5	4	16	303	4	1
17	319	2	8	17	322	3	7
18	338	0	0	18	341	3	1
19	356	9	4	19	360	2	7
20	375	6	8	20	379	2	1
21	394	4	0	21	398	1	7
22	413	1	4	22	417	1	1
23	431	10	8	23	436	0	7
24	450	8	0	24	455	0	1
25	469	5	4	25	473	11	7
26	488	2	8	26	492	11	1
27	507	0	0	27	511	10	7
28	525	9	4	28	530	10	1
29	544	6	8	29	549	9	7
30	563	4	0	30	568	9	1
31	582	1	4	31	587	8	7
32	600	10	8	32	606	8	2
33	619	8	0	33	625	7	8
34	638	5	4	34	644	7	2
35	657	2	8	35	663	6	8
36	676	0	0	36	682	6	2
37	694	9	4	37	701	5	8
38	713	6	8	38	720	5	2
39	732	4	0	39	739	4	8
40	751	1	4	40	758	4	2
41	769	10	8	41	777	3	8
42	788	8	0	42	796	3	2
43	807	5	4	43	815	2	2
44	826	2	8	44	834	2	8
45	845	0	0	45	853	1	2
46	863	9	4	46	872	1	8
47	882	6	8	47	891	1	2
48	901	4	0	48	910	0	9
49	920	1	4	49	929	0	3
50	938	10	8	50	947	11	9

Ft. long	Side 52 ½			Ft. long	Side 52 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	19	1	8	1	19	3	10
2	38	3	4	2	38	7	9
3	57	5	0	3	57	11	7
4	76	6	9	4	77	3	6
5	95	8	5	5	96	7	4
6	114	10	1	6	115	11	3
7	133	11	9	7	135	3	1
8	153	1	6	8	154	7	0
9	172	3	2	9	173	10	11
10	191	4	10	10	193	2	9
11	210	6	6	11	212	6	8
12	229	8	3	12	231	10	6
13	248	9	11	13	251	2	5
14	267	11	7	14	270	6	3
15	287	1	3	15	289	10	2
16	306	3	0	16	309	2	1
17	325	4	8	17	328	5	11
18	344	6	4	18	347	9	10
19	363	8	0	19	367	1	8
20	382	9	9	20	386	5	7
21	401	11	5	21	405	9	5
22	421	1	1	22	425	1	4
23	440	2	9	23	444	5	2
24	459	4	6	24	463	9	1
25	478	6	2	25	483	1	0
26	497	7	10	26	502	4	10
27	516	9	6	27	521	8	9
28	535	11	3	28	541	0	7
29	555	0	11	29	560	4	6
30	574	2	7	30	579	8	4
31	593	4	3	31	599	0	3
32	612	6	0	32	618	4	2
33	631	7	8	33	637	0	6
34	650	9	4	34	656	11	11
35	669	11	0	35	676	2	9
36	689	0	9	36	695	6	8
37	708	2	5	37	714	10	6
38	727	4	1	38	734	3	5
39	746	5	9	39	753	7	3
40	765	7	6	40	772	11	2
41	784	9	2	41	792	3	1
42	803	10	10	42	811	6	11
43	823	0	6	43	830	10	10
44	842	2	3	44	850	2	8
45	861	3	11	45	869	6	7
46	880	5	7	46	888	10	5
47	899	7	3	47	908	2	4
48	918	9	0	48	927	6	3
49	937	10	8	49	946	9	1
50	957	0	4	50	966	1	0

Ft. long	Side 53 Inch.			Ft. long	Side 53 ¼		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	19	6	1	1	19	8	3
2	39	0	2	2	39	4	7
3	58	6	3	3	59	0	10
4	78	0	4	4	78	9	2
5	97	6	5	5	98	5	5
6	117	0	6	6	118	1	9
7	136	6	7	7	137	10	0
8	156	0	8	8	157	6	4
9	175	6	9	9	177	2	8
10	195	0	10	10	196	10	11
11	214	6	11	11	216	7	3
12	234	1	0	12	236	3	9
13	253	7	1	13	255	11	10
14	273	1	2	14	275	8	1
15	292	7	3	15	295	4	5
16	312	1	4	16	315	0	9
17	331	7	5	17	334	9	0
18	351	1	6	18	354	5	4
19	370	7	7	19	374	1	7
20	390	1	8	20	393	9	11
21	409	7	9	21	413	6	2
22	429	1	10	22	433	2	6
23	448	7	11	23	452	10	9
24	468	2	0	24	472	7	1
25	487	8	1	25	492	3	5
26	507	2	2	26	511	11	8
27	526	8	3	27	531	8	0
28	546	2	4	28	551	4	3
29	565	8	5	29	571	2	7
30	585	2	6	30	590	10	10
31	604	8	7	31	610	7	2
32	624	2	8	32	630	3	6
33	643	8	9	33	649	11	9
34	663	2	10	34	669	8	1
35	682	8	11	35	689	4	4
36	702	3	0	36	709	0	8
37	721	9	1	37	728	8	11
38	741	3	2	38	748	5	3
39	760	9	3	39	768	1	6
40	780	3	4	40	787	9	10
41	799	9	5	41	807	6	2
42	819	3	6	42	827	2	5
43	838	9	7	43	846	10	9
44	858	3	8	44	866	7	0
45	877	9	9	45	886	3	4
46	897	3	10	46	905	11	7
47	916	9	11	47	925	7	11
48	936	4	0	48	945	4	3
49	955	10	1	49	965	0	6
50	975	4	2	50	984	8	10

Ft. long	Side 53 ½			Ft. long	Side 53 ¾		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	19	10	6	1	20	0	9
2	39	9	0	2	40	1	6
3	59	7	6	3	60	2	3
4	79	6	1	4	80	3	0
5	99	4	7	5	100	3	9
6	119	3	1	6	120	4	6
7	139	1	7	7	140	5	3
8	159	0	2	8	160	6	0
9	178	10	8	9	180	6	9
10	198	9	2	10	200	7	6
11	218	7	8	11	220	8	3
12	238	6	3	12	240	9	0
13	258	4	9	13	260	9	9
14	278	3	3	14	280	10	6
15	298	1	9	15	300	11	3
16	318	0	4	16	321	0	1
17	337	10	10	17	341	0	10
18	357	9	4	18	361	1	7
19	377	7	10	19	381	2	4
20	397	6	5	20	401	3	1
21	417	4	11	21	421	3	10
22	437	3	5	22	441	4	7
23	457	1	11	23	461	5	4
24	477	0	6	24	481	6	1
25	496	11	0	25	501	6	10
26	516	9	6	26	521	7	7
27	536	8	0	27	541	8	4
28	556	6	7	28	561	9	1
29	576	5	1	29	581	9	10
30	596	3	7	30	601	10	7
31	616	2	1	31	621	11	4
32	636	0	8	32	642	0	2
33	655	11	2	33	662	0	11
34	675	9	8	34	682	1	8
35	695	8	2	35	702	2	5
36	715	6	9	36	722	3	2
37	735	5	3	37	742	3	11
38	755	3	9	38	762	4	8
39	775	2	3	39	782	5	5
40	795	0	10	40	802	6	2
41	814	11	4	41	822	6	11
42	834	9	10	42	842	7	8
43	854	8	4	43	862	8	5
44	874	6	11	44	882	9	2
45	894	5	5	45	902	9	11
46	914	3	11	46	922	10	8
47	934	2	5	47	942	11	5
48	954	1	0	48	963	0	3
49	573	11	6	49	983	1	0
50	993	10	0	50	1003	1	9

Ft. long	Side 54			Ft. long	Side 54		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	20	3	0	26	526	6	0
2	40	6	0	27	546	9	0
3	60	9	0	28	567	0	0
4	81	0	0	29	587	3	0
5	101	3	0	30	607	6	0
6	121	6	0	31	627	9	0
7	141	9	0	32	648	0	0
8	162	0	0	33	668	3	0
9	182	3	0	34	688	6	0
10	202	6	0	35	708	9	0
11	222	9	0	36	729	0	0
12	243	0	0	37	749	3	0
13	263	3	0	38	769	6	0
14	283	6	0	39	789	9	0
15	303	9	0	40	810	0	0
16	324	0	0	41	830	3	0
17	344	3	0	42	850	6	0
18	364	6	0	43	870	9	0
19	384	9	0	44	891	0	0
20	405	0	0	45	911	3	0
21	425	3	0	46	931	6	0
22	445	6	0	47	951	9	0
23	465	9	0	48	972	0	0
24	486	0	0	49	992	3	0
25	506	3	0	50	1012	6	0

A NEW

A NEW

TABLE

OF

Superficial,

OR,

Flat Measure,

Ready caſt up;

For finding the *Superficial Content* (and conſequently the Value) of any Quantity of *Board*, *Glaſs*, *&c.* from one Inch to 24 the Breadth, and from one Foot to 20 the *Length.*

And therefore, by *Addition* only, may ſerve to any greater *Breadth* or *Length.*

Feet long.	1 Inch broad.			Feet long.	1 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1	0	1	0	1	6
2	0	2	0	2	0	3	0
3	0	3	0	3	0	4	6
4	0	4	0	4	0	6	0
5	0	5	0	5	0	7	6
6	0	6	0	6	0	9	0
7	0	7	0	7	0	10	6
8	0	8	0	8	1	0	0
9	0	9	0	9	1	1	6
10	0	10	0	10	1	3	0
11	0	11	0	11	1	4	6
12	1	0	0	12	1	6	0
13	1	1	0	13	1	7	6
14	1	2	0	14	1	9	0
15	1	3	0	15	1	10	6
16	1	4	0	16	2	0	0
17	1	5	0	17	2	1	6
18	1	6	0	18	2	3	0
19	1	7	0	19	2	4	6
20	1	8	0	20	2	6	0

Feet long.	1 ¼ broad.			Feet long.	1 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	1	3	1	0	1	9
2	0	2	6	2	0	3	6
3	0	3	9	3	0	5	3
4	0	5	0	4	0	7	0
5	0	6	3	5	0	8	9
6	0	7	6	6	0	10	6
7	0	8	9	7	1	0	3
8	0	10	0	8	1	2	0
9	0	11	3	9	1	3	9
10	1	0	6	10	1	5	6
11	1	1	9	11	1	7	3
12	1	3	0	12	1	9	0
13	1	4	3	13	1	10	9
14	1	5	6	14	2	0	6
15	1	6	9	15	2	2	3
16	1	8	0	16	2	4	0
17	1	9	3	17	2	5	9
18	1	10	6	18	2	7	6
19	1	11	9	19	2	9	3
20	2	1	0	20	2	11	0

Feet long.	2 Inch. broad.			Feet long.	2 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	2	0	1	0	2	6
2	0	4	0	2	0	5	0
3	0	6	0	3	0	7	6
4	0	8	0	4	0	10	0
5	0	10	0	5	1	0	6
6	1	0	0	6	1	3	0
7	1	2	0	7	1	5	6
8	1	4	0	8	1	8	0
9	1	6	0	9	1	10	6
10	1	8	0	10	2	1	0
11	1	10	0	11	2	3	6
12	2	0	0	12	2	6	0
13	2	2	0	13	2	8	6
14	2	4	0	14	2	11	0
15	2	6	0	15	3	1	6
16	2	8	0	16	3	4	0
17	2	10	0	17	3	6	6
18	3	0	0	18	3	9	0
19	3	2	0	19	3	11	6
20	3	4	0	20	4	2	0

Feet long.	2 ¼ broad.			Feet long.	2 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	2	3	1	0	2	9
2	0	4	6	2	0	5	6
3	0	6	9	3	0	8	3
4	0	9	0	4	0	11	0
5	0	11	3	5	1	1	9
6	1	1	6	6	1	4	6
7	1	3	9	7	1	7	3
8	1	6	0	8	1	10	0
9	1	8	3	9	2	0	9
10	1	10	6	10	2	3	6
11	2	0	9	11	2	6	3
12	2	3	0	12	2	9	0
13	2	5	3	13	2	11	9
14	2	7	6	14	3	2	6
15	2	9	9	15	3	5	3
16	3	0	0	16	3	8	0
17	3	2	3	17	3	10	9
18	3	4	6	18	4	1	6
19	3	6	9	19	4	4	3
20	3	9	0	20	4	7	0

Feet long.	3 Inch. broad.		
	Ft.	In.	Pa.
1	0	3	0
2	0	6	0
3	0	9	0
4	1	0	0
5	1	3	0
6	1	6	0
7	1	9	0
8	2	0	0
9	2	3	0
10	2	6	0
11	2	9	0
12	3	0	0
13	3	3	0
14	3	6	0
15	3	9	0
16	4	0	0
17	4	3	0
18	4	6	0
19	4	9	0
20	5	0	0

Feet long.	3 ½ broad.		
	Ft.	In.	Pa.
1	0	3	6
2	0	7	0
3	0	10	6
4	1	2	0
5	1	5	6
6	1	9	0
7	2	0	6
8	2	4	0
9	2	7	6
10	2	11	0
11	3	2	6
12	3	6	0
13	3	9	6
14	4	1	0
15	4	4	6
16	4	8	0
17	4	11	6
18	5	3	0
19	5	6	6
20	5	10	0

Feet long.	3 ¼ broad.		
	Ft.	In.	Pa.
1	0	3	3
2	0	6	6
3	0	9	9
4	1	1	0
5	1	4	3
6	1	7	6
7	1	10	9
8	2	2	0
9	2	5	3
10	2	8	6
11	2	11	9
12	3	3	0
13	3	6	3
14	3	9	6
15	4	0	9
16	4	4	0
17	4	7	3
18	4	10	6
19	5	1	9
20	5	5	0

Feet long.	3 ¾ broad.		
	Ft.	In.	Pa.
1	0	3	9
2	0	7	6
3	0	11	3
4	1	3	0
5	1	6	9
6	1	10	6
7	2	2	3
8	2	6	0
9	2	9	9
10	3	1	6
11	3	5	3
12	3	9	0
13	4	0	9
14	4	4	6
15	4	8	3
16	5	0	0
17	5	3	9
18	5	7	6
19	5	11	3
20	6	3	0

Feet long.	4 Inch. broad.			Feet long.	4 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	4	0	1	0	4	6
2	0	8	0	2	0	9	0
3	1	0	0	3	1	1	6
4	1	4	0	4	1	6	0
5	1	8	0	5	1	10	6
6	2	0	0	6	2	3	0
7	2	4	0	7	2	7	6
8	2	8	0	8	3	0	0
9	3	0	0	9	3	4	6
10	3	4	0	10	3	9	0
11	3	8	0	11	4	1	6
12	4	0	0	12	4	6	0
13	4	4	0	13	4	10	6
14	4	8	0	14	5	3	0
15	5	0	0	15	5	7	6
16	5	4	0	16	6	0	0
17	5	8	0	17	6	4	6
18	6	0	0	18	6	9	0
19	6	4	0	19	7	1	6
20	6	8	0	20	7	6	0

Feet long.	4 ¼ broad.			Feet long.	4 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	4	3	1	0	4	9
2	0	8	6	2	0	9	6
3	1	0	9	3	1	2	3
4	1	5	0	4	1	7	0
5	1	9	3	5	1	11	9
6	2	1	6	6	2	4	6
7	2	5	9	7	2	9	3
8	2	10	0	8	3	2	0
9	3	2	3	9	3	6	9
10	3	6	6	10	3	11	6
11	3	10	9	11	4	4	3
12	4	3	0	12	4	9	0
13	4	7	3	13	5	1	9
14	4	11	6	14	5	6	6
15	5	3	9	15	5	11	3
16	5	8	0	16	6	4	0
17	6	0	3	17	6	8	9
18	6	4	6	18	7	1	6
19	6	8	9	19	7	6	3
20	7	1	0	20	7	11	0

Feet long.	5 Inch. broad.			Feet long.	5 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	5	0	1	0	5	6
2	0	10	0	2	0	11	0
3	1	3	0	3	1	4	6
4	1	8	0	4	1	10	0
5	2	1	0	5	2	3	6
6	2	6	0	6	2	9	0
7	2	11	0	7	3	2	6
8	3	4	0	8	3	8	0
9	3	9	0	9	4	1	6
10	4	2	0	10	4	7	0
11	4	7	0	11	5	0	6
12	5	0	0	12	5	6	0
13	5	5	0	13	5	11	6
14	5	10	0	14	6	5	0
15	6	3	0	15	6	10	6
16	6	8	0	16	7	4	0
17	7	1	0	17	7	9	6
18	7	6	0	18	8	3	0
19	7	11	0	19	8	8	6
20	8	4	0	20	9	2	0

Feet long.	5 ¼ broad.			Feet long.	5 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	5	3	1	0	5	9
2	0	10	6	2	0	11	6
3	1	3	9	3	1	5	3
4	1	9	0	4	1	11	0
5	2	2	3	5	2	4	9
6	2	7	6	6	2	10	6
7	3	0	9	7	3	4	3
8	3	6	0	8	3	10	0
9	3	11	3	9	4	3	9
10	4	4	6	10	4	9	6
11	4	9	9	11	5	3	3
12	5	3	0	12	5	9	0
13	5	8	3	13	6	2	9
14	6	1	6	14	6	8	6
15	6	6	9	15	7	2	3
16	7	0	0	16	7	8	0
17	7	5	3	17	8	1	9
18	7	10	6	18	8	7	6
19	8	3	9	19	9	1	3
20	8	9	0	20	9	7	0

Feet long.	6 Inch. broad.		
	Ft.	In.	Pa
1	0	6	0
2	1	0	0
3	1	6	0
4	2	0	0
5	2	6	0
6	3	0	0
7	3	6	0
8	4	0	0
9	4	6	0
10	5	0	0
11	5	6	0
12	6	0	0
13	6	6	0
14	7	0	0
15	7	6	0
16	8	0	0
17	8	6	0
18	9	0	0
19	9	6	0
20	10	0	0

Feet long.	6 ½ broad.		
	Ft.	In.	Pa.
1	0	6	6
2	1	1	0
3	1	7	6
4	2	2	0
5	2	8	6
6	3	3	0
7	3	9	6
8	4	4	0
9	4	10	6
10	5	5	0
11	5	11	6
12	6	6	0
13	7	0	6
14	7	7	0
15	8	1	6
16	8	8	0
17	9	2	6
18	9	9	0
19	10	3	6
20	10	10	0

Feet long.	6 ¾ broad.		
	Ft.	In.	Pa.
1	0	6	3
2	1	0	6
3	1	6	9
4	2	1	0
5	2	7	3
6	3	1	6
7	3	7	9
8	4	2	0
9	4	8	3
10	5	2	6
11	5	8	9
12	6	3	0
13	6	9	3
14	7	3	6
15	7	9	9
16	8	4	0
17	8	10	3
18	9	4	6
19	9	10	9
20	10	5	0

Feet long.	6 ¾ broad		
	Ft.	In.	Pa.
1	0	6	9
2	1	1	6
3	1	8	3
4	2	3	0
5	2	9	9
6	3	4	6
7	3	11	3
8	4	6	0
9	5	0	9
10	5	7	6
11	6	2	3
12	6	9	0
13	7	3	9
14	7	10	6
15	8	5	3
16	9	0	0
17	9	6	9
18	10	1	6
19	10	8	3
20	11	3	0

Feet long.	7 Inch. broad.			Feet long.	7 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	7	0	1	0	7	6
2	1	2	0	2	1	3	0
3	1	9	0	3	1	10	6
4	2	4	0	4	2	6	0
5	2	11	0	5	3	1	6
6	3	6	0	6	3	9	0
7	4	1	0	7	4	4	6
8	4	8	0	8	5	0	0
9	5	3	0	9	5	7	6
10	5	10	0	10	6	3	0
11	6	5	0	11	6	10	6
12	7	0	0	12	7	6	0
13	7	7	0	13	8	1	6
14	8	2	0	14	8	9	0
15	8	9	0	15	9	4	6
16	9	4	0	16	10	0	0
17	9	11	0	17	10	7	6
18	10	6	0	18	11	3	0
19	11	1	0	19	11	10	6
20	11	8	0	20	12	6	0

Feet long.	7 ¼ broad.			Feet long.	7 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	7	3	1	0	7	9
2	1	2	6	2	1	3	6
3	1	9	9	3	1	11	3
4	2	5	0	4	2	7	0
5	3	0	3	5	3	2	9
6	3	7	6	6	3	10	6
7	4	2	9	7	4	6	3
8	4	10	0	8	5	2	0
9	5	5	3	9	5	9	9
10	6	0	6	10	6	5	6
11	6	7	9	11	7	1	3
12	7	3	0	12	7	9	0
13	7	10	3	13	8	4	9
14	8	5	6	14	9	0	6
15	9	0	9	15	9	8	3
16	9	8	0	16	10	4	0
17	10	3	3	17	10	11	9
18	10	10	6	18	11	7	6
19	11	5	9	19	12	3	3
20	12	1	0	20	12	11	0

Feet long.	8 Inch. broad.			Feet long.	8 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	8	0	1	0	8	6
2	1	4	0	2	1	5	0
3	2	0	0	3	2	1	6
4	2	8	0	4	2	10	0
5	3	4	0	5	3	6	6
6	4	0	0	6	4	3	0
7	4	8	0	7	4	11	6
8	5	4	0	8	5	8	0
9	6	0	0	9	6	4	6
10	6	8	0	10	7	1	0
11	7	4	0	11	7	9	6
12	8	0	0	12	8	6	0
13	8	8	0	13	9	2	6
14	9	4	0	14	9	11	0
15	10	0	0	15	10	7	6
16	10	8	0	16	11	4	0
17	11	4	0	17	12	0	6
18	12	0	0	18	12	9	0
19	12	8	0	19	13	5	6
20	13	4	0	20	14	2	0

Feet long.	8 ¾ broad.			Feet long.	8 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	8	3	1	0	8	9
2	1	4	6	2	1	5	6
3	2	0	9	3	2	2	3
4	2	9	0	4	2	11	0
5	3	5	3	5	3	7	9
6	4	1	6	6	4	4	6
7	4	9	9	7	5	1	3
8	5	6	0	8	5	10	0
9	6	2	3	9	6	6	9
10	6	10	6	10	7	3	6
11	7	6	9	11	8	0	3
12	8	3	0	12	8	9	0
13	8	11	3	13	9	5	9
14	9	7	6	14	10	2	6
15	10	3	9	15	10	11	3
16	11	0	0	16	11	8	0
17	11	8	3	17	12	4	9
18	12	4	6	18	13	1	6
19	13	0	9	19	13	10	3
20	13	9	0	20	14	7	0

Feet long.	9 Inch. broad.			Feet long.	9 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	9	0	1	0	9	6
2	1	6	0	2	1	7	0
3	2	3	0	3	2	4	6
4	3	0	0	4	3	2	0
5	3	9	0	5	3	11	6
6	4	6	0	6	4	9	0
7	5	3	0	7	5	6	6
8	6	0	0	8	6	4	0
9	6	9	0	9	7	1	6
10	7	6	0	10	7	11	0
11	8	3	0	11	8	8	6
12	9	0	0	12	9	6	0
13	9	9	0	13	10	3	6
14	10	6	0	14	11	1	0
15	11	3	0	15	11	10	6
16	12	0	0	16	12	8	0
17	12	9	0	17	13	5	6
18	13	6	0	18	14	3	0
19	14	3	0	19	15	0	6
20	15	0	0	20	15	10	0

Feet long.	9 ¼ broad.			Feet long.	9 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	9	3	1	0	9	9
2	1	6	6	2	1	7	6
3	2	3	9	3	2	5	3
4	3	1	0	4	3	3	0
5	3	10	3	5	4	0	9
6	4	7	6	6	4	10	6
7	5	4	9	7	5	8	3
8	6	2	0	8	6	6	0
9	6	11	3	9	7	3	9
10	7	8	6	10	8	1	6
11	8	5	9	11	8	11	3
12	9	3	0	12	9	9	0
13	10	0	3	13	10	6	9
14	10	9	6	14	11	4	6
15	11	6	9	15	12	2	3
16	12	4	0	16	13	0	0
17	13	1	3	17	13	9	9
18	13	10	6	18	14	7	6
19	14	7	9	19	15	5	3
20	15	5	0	20	16	3	0

Feet long.	10 In. broad.			Feet long.	10 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	10	0	1	0	10	6
2	1	8	0	2	1	9	0
3	2	6	0	3	2	7	6
4	3	4	0	4	3	6	0
5	4	2	0	5	4	4	6
6	5	0	0	6	5	3	0
7	5	10	0	7	6	1	6
8	6	8	0	8	7	0	0
9	7	6	0	9	7	10	6
10	8	4	0	10	8	9	0
11	9	2	0	11	9	7	6
12	10	0	0	12	10	6	0
13	10	10	0	13	11	4	6
14	11	8	0	14	12	3	0
15	12	6	0	15	13	1	6
16	13	4	0	16	14	0	0
17	14	2	0	17	14	10	6
18	14	0	0	18	15	9	0
19	15	10	0	19	16	7	6
20	16	8	0	20	17	6	0

Feet long.	10 ¼ broad.			Feet long.	10 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	10	3	1	0	10	9
2	1	8	6	2	1	9	6
3	2	6	9	3	2	8	3
4	3	5	0	4	3	7	0
5	4	3	3	5	4	5	9
6	5	1	6	6	5	4	6
7	5	11	9	7	6	3	3
8	6	10	0	8	7	2	0
9	7	8	3	9	8	0	9
10	8	6	6	10	8	11	6
11	9	4	9	11	9	10	3
12	10	3	0	12	10	9	0
13	11	1	3	13	11	7	9
14	11	11	6	14	12	6	6
15	12	9	9	15	13	5	3
16	13	8	0	16	14	4	0
17	14	6	3	17	15	2	9
18	15	4	6	18	16	1	6
19	16	2	9	19	17	0	3
20	17	1	0	20	17	11	0

Feet long.	11 In. broad.			Feet long.	11 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	11	0	1	0	11	6
2	1	10	0	2	1	11	0
3	2	9	0	3	2	10	6
4	3	8	0	4	3	10	0
5	4	7	0	5	4	9	6
6	5	6	0	6	5	9	0
7	6	5	0	7	6	8	6
8	7	4	0	8	7	8	0
9	8	3	0	9	8	7	6
10	9	2	0	10	9	7	0
11	10	1	0	11	10	6	6
12	11	0	0	12	11	6	0
13	11	11	0	13	12	5	6
14	12	10	0	14	13	5	0
15	13	9	0	15	14	4	6
16	14	8	0	16	15	4	0
17	15	7	0	17	16	3	6
18	16	6	0	18	17	3	0
19	17	5	0	19	18	2	6
20	18	4	0	20	19	2	0

Feet long.	11 ¼ broad.			Feet long.	11 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	0	11	3	1	0	11	9
2	1	10	6	2	1	11	6
3	2	9	9	3	2	11	3
4	3	9	0	4	3	11	0
5	4	8	3	5	4	10	9
6	5	7	6	6	5	10	6
7	6	6	9	7	6	10	3
8	7	6	0	8	7	10	0
9	8	5	3	9	8	9	9
10	9	4	6	10	9	9	6
11	10	3	9	11	10	9	3
12	11	3	0	12	11	9	0
13	12	2	3	13	12	8	9
14	13	1	6	14	13	8	6
15	14	0	9	15	14	8	3
16	15	0	0	16	15	8	0
17	15	11	3	17	16	7	9
18	16	10	6	18	17	7	6
19	17	9	9	19	18	7	3
20	18	9	0	20	19	7	0

Feet long.	12 In. broad.			Feet long.	12 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	0	0	1	1	0	6
2	2	0	0	2	2	1	0
3	3	0	0	3	3	1	6
4	4	0	0	4	4	2	0
5	5	0	0	5	5	2	6
6	6	0	0	6	6	3	0
7	7	0	0	7	7	3	6
8	8	0	0	8	8	4	0
9	9	0	0	9	9	4	6
10	10	0	0	10	10	5	0
11	11	0	0	11	11	5	6
12	12	0	0	12	12	6	0
13	13	0	0	13	13	6	6
14	14	0	0	14	14	7	0
15	15	0	0	15	15	7	6
16	16	0	0	16	16	8	0
17	17	0	0	17	17	8	6
18	18	0	0	18	18	9	0
19	19	0	0	19	19	9	6
20	20	0	0	20	20	10	0

Feet long.	12 ¼ broad.			Feet long.	12 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	0	3	1	1	0	9
2	2	0	6	2	2	1	6
3	3	0	9	3	3	2	3
4	4	1	0	4	4	3	0
5	5	1	3	5	5	3	9
6	6	1	6	6	6	4	6
7	7	1	9	7	7	5	3
8	8	2	0	8	8	6	0
9	9	2	3	9	9	6	9
10	10	2	6	10	10	7	6
11	11	2	9	11	11	8	3
12	12	3	0	12	12	9	0
13	13	3	3	13	13	9	9
14	14	3	6	14	14	10	6
15	15	3	9	15	15	11	3
16	16	4	0	16	17	0	0
17	17	4	3	17	18	0	9
18	18	4	6	18	19	1	6
19	19	4	9	19	20	2	3
20	20	5	0	20	21	3	0

Feet long.	13 In. broad.		
	Ft.	In.	Pa.
1	1	1	0
2	2	2	0
3	3	3	0
4	4	4	0
5	5	5	0
6	6	6	0
7	7	7	0
8	8	8	0
9	9	9	0
10	10	10	0
11	11	11	0
12	13	0	0
13	14	1	0
14	15	2	0
15	16	3	0
16	17	4	0
17	18	5	0
18	19	6	0
19	20	7	0
20	21	8	0

Feet long.	13 ½ broad.		
	Ft.	In.	Pa.
1	1	1	6
2	2	3	0
3	3	4	6
4	4	6	0
5	5	7	6
6	6	9	0
7	7	10	6
8	9	0	0
9	10	1	6
10	11	3	0
11	12	4	6
12	13	6	0
13	14	7	6
14	15	9	0
15	16	10	6
16	18	0	0
17	19	1	6
18	20	3	0
19	21	4	6
20	22	6	0

Feet long.	13 ¼ broad.		
	Ft.	In.	Pa.
1	1	1	3
2	2	2	6
3	3	3	9
4	4	5	0
5	5	6	3
6	6	7	6
7	7	8	9
8	8	10	0
9	9	11	3
10	11	0	6
11	12	1	9
12	13	3	0
13	14	4	3
14	15	5	6
15	16	6	9
16	17	8	0
17	18	9	3
18	19	10	6
19	20	11	9
20	22	1	0

Feet long.	13 ¾ broad.		
	Ft.	In.	Pa.
1	1	1	9
2	2	3	6
3	3	5	3
4	4	7	0
5	5	8	9
6	6	10	6
7	8	0	3
8	9	2	0
9	10	3	9
10	11	5	6
11	12	7	3
12	13	9	0
13	14	10	9
14	16	0	6
15	17	2	3
16	18	4	0
17	19	5	9
18	20	7	6
19	21	9	3
20	22	11	0

Feet long.	14 In. broad.			Feet long.	14 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	2	0	1	1	2	6
2	2	4	0	2	2	5	0
3	3	6	0	3	3	7	6
4	4	8	0	4	4	10	0
5	5	10	0	5	6	0	6
6	7	0	0	6	7	3	0
7	8	2	0	7	8	5	6
8	9	4	0	8	9	8	0
9	10	6	0	9	10	10	6
10	11	8	0	10	12	1	0
11	12	10	0	11	13	3	6
12	14	0	0	12	14	6	0
13	15	2	0	13	15	8	6
14	16	4	0	14	16	11	0
15	17	6	0	15	18	1	6
16	18	8	0	16	19	4	0
17	19	10	0	17	20	6	6
18	21	0	0	18	21	9	0
19	22	2	0	19	22	11	6
20	23	4	0	20	24	2	0

Feet long.	14 ¼ broad.			Feet long.	14 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	2	3	1	1	2	9
2	2	4	6	2	2	5	6
3	3	6	9	3	3	8	3
4	4	9	0	4	4	11	0
5	5	11	3	5	6	1	9
6	7	1	6	6	7	4	6
7	8	3	9	7	8	7	3
8	9	6	0	8	9	10	0
9	10	8	3	9	11	0	9
10	11	10	6	10	12	3	6
11	13	0	9	11	13	6	3
12	14	3	0	12	14	9	0
13	15	5	3	13	15	11	9
14	16	7	6	14	17	2	6
15	17	9	9	15	18	5	3
16	19	0	0	16	19	8	0
17	20	2	3	17	20	10	9
18	21	4	6	18	22	1	6
19	22	6	9	19	23	4	3
20	23	9	0	20	24	7	0

Feet long.	15 In. broad.			Feet long.	15 $\frac{1}{2}$ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	3	0	1	1	3	6
2	2	6	0	2	2	7	0
3	3	9	0	3	3	10	6
4	5	0	0	4	5	2	0
5	6	3	0	5	6	5	6
6	7	6	0	6	7	9	0
7	8	9	0	7	9	0	6
8	10	0	0	8	10	4	0
9	11	3	0	9	11	7	6
10	12	6	0	10	12	11	0
11	13	9	0	11	14	2	6
12	15	0	0	12	15	6	0
13	16	3	0	13	16	9	6
14	17	6	0	14	18	1	0
15	18	9	0	15	19	4	6
16	20	0	0	16	20	8	0
17	21	3	0	17	21	11	6
18	22	6	0	18	23	3	0
19	23	9	0	19	24	6	6
20	25	0	0	20	25	10	0

Feet long.	15 $\frac{1}{4}$ broad.			Feet long.	15 $\frac{3}{4}$ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	3	3	1	1	3	9
2	2	6	6	2	2	7	6
3	3	9	9	3	3	11	3
4	5	1	0	4	5	3	0
5	6	4	3	5	6	6	9
6	7	7	6	6	7	10	6
7	8	10	9	7	9	2	3
8	10	2	0	8	10	6	0
9	11	5	3	9	11	9	9
10	12	8	6	10	13	1	6
11	13	11	9	11	14	5	3
12	15	3	0	12	15	9	0
13	16	6	3	13	17	0	9
14	17	9	6	14	18	4	6
15	19	0	9	15	19	8	3
16	20	4	0	16	21	0	0
17	21	7	3	17	22	3	9
18	22	10	6	18	23	7	6
19	24	1	9	19	24	11	3
20	25	5	0	20	26	3	0

Feet long.	16 In. broad.			Feet long.	16 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	4	0	1	1	4	0
2	2	8	0	2	2	9	0
3	4	0	0	3	4	1	0
4	5	4	0	4	5	6	0
5	6	8	0	5	6	10	6
6	8	0	0	6	8	3	0
7	9	4	0	7	9	7	6
8	10	8	0	8	11	0	0
9	12	0	0	9	12	4	6
10	13	4	0	10	13	9	0
11	14	8	0	11	15	1	6
12	16	0	0	12	16	6	0
13	17	4	0	13	17	10	6
14	18	8	0	14	19	3	0
15	20	0	0	15	20	7	6
16	21	4	0	16	22	0	0
17	22	8	0	17	23	4	6
18	24	0	0	18	24	9	0
19	25	4	0	19	26	1	6
20	26	8	0	20	27	6	0

Feet long.	16 ¼ broad.			Feet long.	16 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	4	3	1	1	4	9
2	2	8	6	2	2	9	6
3	4	0	9	3	4	2	3
4	5	5	0	4	5	7	0
5	6	9	3	5	6	11	9
6	8	1	6	6	8	4	6
7	9	5	9	7	9	9	3
8	10	10	0	8	11	2	0
9	12	2	3	9	12	6	9
10	13	6	6	10	13	11	6
11	14	10	9	11	15	4	3
12	16	3	0	12	16	9	0
13	17	7	3	13	18	1	9
14	18	11	6	14	19	6	6
15	20	3	9	15	20	11	3
16	21	8	0	16	22	4	0
17	23	0	3	17	23	8	9
18	24	4	6	18	25	1	6
19	25	8	9	19	26	6	3
20	27	1	0	20	27	11	0

Feet long.	17 In. broad.			Feet long.	17 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	5	0	1	1	5	6
2	2	10	0	2	2	11	0
3	4	3	0	3	4	4	6
4	5	8	0	4	5	10	0
5	7	1	0	5	7	3	6
6	8	6	0	6	8	9	0
7	9	11	0	7	10	2	6
8	11	4	0	8	11	8	0
9	12	9	0	9	13	1	6
10	14	2	0	10	14	7	0
11	15	7	0	11	16	0	6
12	17	0	0	12	17	6	0
13	18	5	0	13	18	11	6
14	19	10	0	14	20	5	0
15	21	3	0	15	21	10	6
16	22	8	0	16	23	4	0
17	24	1	0	17	24	9	6
18	25	6	0	18	26	3	0
19	26	11	0	19	27	8	6
20	28	4	0	20	29	2	0

Feet long.	17 ¼ broad			Feet long.	17 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	5	3	1	1	5	9
2	2	10	6	2	2	11	6
3	4	3	9	3	4	5	3
4	5	9	0	4	5	11	0
5	7	2	3	5	7	4	9
6	8	7	6	6	8	10	6
7	10	0	9	7	10	4	3
8	11	6	0	8	11	10	0
9	12	11	3	9	13	3	9
10	14	4	6	10	14	9	6
11	15	9	9	11	16	3	3
12	17	3	0	12	17	9	0
13	18	8	3	13	19	2	9
14	20	1	6	14	20	8	6
15	21	6	9	15	22	2	3
16	23	0	0	16	23	8	0
17	24	5	3	17	25	1	9
18	25	10	6	18	26	7	6
19	27	3	9	19	28	1	3
20	28	9	0	20	29	7	0

Feet long.	18 In. broad.			Feet long.	18 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	6	0	1	1	6	6
2	3	0	0	2	3	1	0
3	4	6	0	3	4	7	6
4	6	0	0	4	6	2	0
5	7	6	0	5	7	8	6
6	9	0	0	6	9	3	0
7	10	6	0	7	10	9	6
8	12	0	0	8	12	4	0
9	13	6	0	9	13	10	6
10	15	0	0	10	15	5	0
11	16	6	0	11	16	11	6
12	18	0	0	12	18	6	0
13	19	6	0	13	20	0	6
14	21	0	0	14	21	7	0
15	22	6	0	15	23	1	6
16	24	0	0	16	24	8	0
17	25	6	0	17	26	2	6
18	27	0	0	18	27	9	0
19	28	6	0	19	29	3	6
20	30	0	0	20	30	10	0

Feet long.	18 ¼ broad.			Feet long.	18 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	6	3	1	1	6	9
2	3	0	6	2	3	1	6
3	4	6	9	3	4	8	3
4	6	1	0	4	6	3	0
5	7	7	3	5	7	9	9
6	9	1	6	6	9	4	6
7	10	7	9	7	10	11	3
8	12	2	0	8	12	6	0
9	13	8	3	9	14	0	9
10	15	2	6	10	15	7	6
11	16	8	9	11	17	2	3
12	18	3	0	12	18	9	0
13	19	9	3	13	20	3	9
14	21	3	6	14	21	10	6
15	22	9	9	15	23	5	3
16	24	4	0	16	25	0	0
17	25	10	3	17	26	6	9
18	27	4	6	18	28	1	6
19	28	10	9	19	29	8	3
20	30	5	0	20	31	3	0

Feet long.	19 In. broad.			Feet long.	19 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	7	0	1	1	7	6
2	3	2	0	2	3	3	0
3	4	9	0	3	4	10	6
4	6	4	0	4	6	6	0
5	7	11	0	5	8	1	6
6	9	6	0	6	9	9	0
7	11	1	0	7	11	4	6
8	12	8	0	8	13	0	0
9	14	3	0	9	14	7	6
10	15	10	0	10	16	3	0
11	17	5	0	11	17	10	6
12	19	0	0	12	19	6	0
13	20	7	0	13	21	1	6
14	22	2	0	14	22	9	0
15	23	9	0	15	24	4	6
16	25	4	0	16	26	0	0
17	26	11	0	17	27	7	6
18	28	6	0	18	29	3	0
19	30	1	0	19	30	10	6
20	31	8	0	20	32	6	0

Feet long.	19 ¼ broad.			Feet long.	19 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	7	3	1	1	7	9
2	3	2	6	2	3	3	6
3	4	9	9	3	4	11	3
4	6	5	0	4	6	7	0
5	8	0	3	5	8	2	9
6	9	7	6	6	9	10	6
7	11	2	9	7	11	6	3
8	12	10	0	8	13	2	0
9	14	5	3	9	14	9	9
10	16	0	6	10	16	5	6
11	17	7	9	11	18	1	3
12	19	3	0	12	19	9	0
13	20	10	3	13	21	4	9
14	22	5	6	14	23	0	6
15	24	0	9	15	24	8	3
16	25	8	0	16	26	4	0
17	27	3	3	17	27	11	9
18	28	10		18	29	7	6
19	30	5	6	19	31	3	3
20	32	1	9	20	32	11	0
			0				

Feet long.	20 In. broad.			Feet long.	20 $\frac{1}{2}$ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	8	0	1	1	8	6
2	3	4	0	2	3	5	0
3	5	0	0	3	5	1	6
4	6	8	0	4	6	10	0
5	8	4	0	5	8	6	6
6	10	0	0	6	10	3	0
7	11	8	0	7	11	11	6
8	13	4	0	8	13	8	0
9	15	0	0	9	15	4	6
10	16	8	0	10	17	1	0
11	18	4	0	11	18	9	6
12	20	0	0	12	20	6	0
13	21	8	0	13	22	2	6
14	23	4	0	14	23	11	0
15	25	0	0	15	25	7	6
16	26	8	0	16	27	4	0
17	28	4	0	17	29	0	6
18	30	0	0	18	30	9	0
19	31	8	0	19	32	5	6
20	33	4	0	20	34	2	0

Feet long.	20 $\frac{1}{4}$ broad.			Feet long.	20 $\frac{3}{4}$ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	8	3	1	1	8	9
2	3	4	6	2	3	5	6
3	5	0	9	3	5	2	3
4	6	9	0	4	6	11	0
5	8	5	3	5	8	7	9
6	10	1	6	6	10	4	6
7	11	9	9	7	12	1	3
8	13	6	0	8	13	10	0
9	15	2	3	9	15	6	9
10	16	10	6	10	17	3	6
11	18	6	9	11	19	0	3
12	20	3	0	12	20	9	0
13	21	11	3	13	22	5	9
14	23	7	6	14	24	2	6
15	25	3	9	15	25	11	3
16	27	0	0	16	27	8	0
17	28	8	3	17	29	4	9
18	30	4	6	18	31	1	6
19	32	0	9	19	32	10	3
20	33	9	0	20	34	7	0

Feet long.	21 In. broad.			Feet long.	21 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	9	0	1	1	9	6
2	3	6	0	2	3	7	0
3	5	3	0	3	5	4	6
4	7	0	0	4	7	2	0
5	8	9	0	5	8	11	6
6	10	6	0	6	10	9	0
7	12	3	0	7	12	6	6
8	14	0	0	8	14	4	0
9	15	9	0	9	16	1	6
10	17	6	0	10	17	11	0
11	19	3	0	11	19	8	6
12	21	0	0	12	21	6	0
13	22	9	0	13	23	3	6
14	24	6	0	14	25	1	0
15	26	3	0	15	26	10	6
16	28	0	0	16	28	8	0
17	29	9	0	17	30	5	6
18	31	6	0	18	32	3	0
19	33	3	0	19	34	0	6
20	35	0	0	20	35	10	0

Feet long.	21 ¼ broad.			Feet long.	21 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	9	3	1	1	9	9
2	3	6	6	2	3	7	6
3	5	3	9	3	5	5	3
4	7	1	0	4	7	3	0
5	8	10	3	5	9	0	9
6	10	7	6	6	10	10	6
7	12	4	9	7	12	8	3
8	14	2	0	8	14	6	0
9	15	11	3	9	16	3	9
10	17	8	6	10	18	1	6
11	19	5	9	11	19	11	3
12	21	3	0	12	21	9	0
13	23	0	3	13	23	6	9
14	24	9	6	14	25	4	6
15	26	6	9	15	27	2	3
16	28	4	0	16	29	0	0
17	30	1	3	17	30	9	9
18	31	10	6	18	32	7	6
19	33	7	9	19	34	5	3
20	35	5	0	20	36	3	0

Feet long.	22 In. broad.			Feet long.	22 ½ broad.		
	Ft.	In.	Pa		Ft.	In.	Pa.
1	1	10	0	1	1	10	6
2	3	8	0	2	3	9	0
3	5	6	0	3	5	7	6
4	7	4	0	4	7	6	0
5	9	2	0	5	9	4	6
6	11	0	0	6	11	3	0
7	12	10	0	7	13	1	6
8	14	8	0	8	15	0	0
9	16	6	0	9	16	10	6
10	18	4	0	10	18	9	0
11	20	2	0	11	20	7	6
12	22	0	0	12	22	6	0
13	23	10	0	13	24	4	6
14	25	8	0	14	26	3	0
15	27	6	0	15	28	1	6
16	29	4	0	16	30	0	0
17	31	2	0	17	31	10	6
18	33	0	0	18	33	9	0
19	34	10	0	19	35	7	6
20	36	8	0	20	37	6	0

Feet long.	22 ¼ broad.			Feet long.	22 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	1	10	3	1	1	10	9
2	3	8	6	2	3	9	6
3	5	6	9	3	5	8	3
4	7	5	0	4	7	7	0
5	9	3	3	5	9	5	9
6	11	1	6	6	11	4	6
7	12	11	9	7	13	3	3
8	14	10	0	8	15	2	0
9	16	8	3	9	17	0	9
10	18	6	6	10	18	11	6
11	20	4	9	11	20	10	3
12	22	3	0	12	22	9	0
13	24	1	3	13	24	7	9
14	25	11	6	14	26	6	6
15	27	9	9	15	28	5	3
16	29	8	0	16	30	4	0
17	31	6	3	17	32	2	9
18	33	4	6	18	34	1	6
19	35	2	9	19	36	0	3
20	37	1	0	20	37	11	0

Feet long.	23 In. broad.			Feet long.	23 ½ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa
1	1	11	0	1	1	11	6
2	3	10	0	2	3	11	0
3	5	9	0	3	5	10	6
4	7	8	0	4	7	10	0
5	9	7	0	5	9	9	6
6	11	6	0	6	11	9	0
7	13	5	0	7	13	8	6
8	15	4	0	8	15	8	0
9	17	3	0	9	17	7	6
10	19	2	0	10	19	7	0
11	21	1	0	11	21	6	6
12	23	0	0	12	23	6	0
13	24	11	0	13	25	5	6
14	26	10	0	14	27	5	0
15	28	9	0	15	29	4	6
16	30	8	0	16	31	4	0
17	32	7	0	17	33	3	6
18	34	6	0	18	35	3	0
19	36	5	0	19	37	2	6
20	38	4	0	20	39	2	0

Feet long.	23 ¼ broad.			Feet long.	23 ¾ broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa
1	1	11	3	1	1	11	9
2	3	10	6	2	3	11	6
3	5	9	9	3	5	11	3
4	7	9	0	4	7	11	0
5	9	8	3	5	9	10	9
6	11	7	6	6	11	10	6
7	13	6	9	7	13	10	3
8	15	6	0	8	15	10	0
9	17	5	3	9	17	9	9
10	19	4	6	10	19	9	6
11	21	3	9	11	21	9	3
12	23	3	0	12	23	9	0
13	25	2	3	13	25	8	9
14	27	1	6	14	27	8	6
15	29	0	9	15	29	8	3
16	31	0	0	16	31	8	0
17	32	11	3	17	33	7	9
18	34	10	6	18	35	7	6
19	36	9	9	19	37	7	3
20	38	9	0	20	39	7	0

Feet long.	24 In. broad.			*Feet long.*	24 In. broad.		
	Ft.	In.	Pa.		Ft.	In.	Pa.
1	2	0	0	11	22	0	0
2	4	0	0	12	24	0	0
3	6	0	0	13	26	0	0
4	8	0	0	14	28	0	0
5	10	0	0	15	30	0	0
6	12	0	0	16	32	0	0
7	14	0	0	17	34	0	0
8	16	0	0	18	36	0	0
9	18	0	0	19	38	0	0
10	20	0	0	20	40	0	0

OF THE PRICES AND WEIGHT OF *NAILS.*

AS I know of no Materials relating to building, in which ſo great *Abuſes* and *Impoſitions* conſtantly occur, as in the Article of *Nails*; I ſhall be very particular, in my Directions concerning them in Hopes of preventing ſuch Practices for the future.

Nails are of many *Sorts*, and of ſeveral of *thoſe Sorts* there are a great Variety.

N. B. *The* Wholeſale-Dealers *in Nails, have found it neceſſary to diſtinguiſh them into* GENERAL *and* SPECIAL: *But firſt, of what they underſtand by* General *Nails.*

Under the *General* Sorts of Nails, they comprehend, 1. *Brads*; 2. *Hobbs*; and 3. *Nails.*

1. BRADS.

1. BRADS; *viz.* *Bill*-Brads, *Plain*-Brads, and *Gunner*-Brads.

2. HOBBS; *viz.* *Clasp*-Hobbs, *Dye*-Hobbs, *Rose*-Hobbs, *Skidder*-Hobbs, and *Thick*-Hobbs.

3. NAILS; *viz.* *Deck*-Nails, *Flat-Head*-Nails, *Flat-Point*-Nails, *Drawe*-Nails, *Lead* Nails, *Rose*-Nails, *Scupper*-Nails, *Sharp*-Nails, *Middle*-Nails, *Square*-Nails, *Prigg*-Nails, *Spike*-Nails, and *Weight*-Nails.

N. B. *The above, which are known by the Name of* General-*Nails, are sold by the* Thousand, *and including them all, the* Price *is from* 8 d. *to* 12 s. *per* Thousand, *and the* Weight *from* 2 oz. $\frac{1}{4}$, *to* 40 lb. *per* Thousand.

Note, *A* Thousand *of Nails is* 1200, *there being* 120 *to the* Hundred.

If you would understand how to buy Nails of any of the above *Sorts* (for there are of several *Sizes* and *Prices* of each *Sort*) you must observe the following TABLE.

The

The USE

Of the following TABLE.

Having the Price, *to find the* Weight.

EXAMPLE I.

If a Thousand *of* Rose-*Nails, cost* 2 s. 3 *d. how much ought they to weigh?*

Look in the Table for 2 *s.* 3 *d.* the *Price*, and against it is 5 *lb.* 4 *oz.* and so much a *Thousand* of *Rose*-Nails (which cost 2 *s.* 3 *d.*) ought to weigh.

EXAMPLE II.

If a Thousand *of* Rose-*Nails cost* 12 s. *how much ought they to weigh?*

Look in the Table for 12 *s.* the *Pr.* and against it is 40 *lb.* and that is the Weight of *a* Thousand of *Rose*-Nails, which cost 12 *s.*

Having the Weight *to find the* Price.

EXAMPLE I.

What is the Price *or* Value *of a* Thousand *of* Sharp-*Nails that weigh* 2 *lb.* 8 *oz?*

Look in the Table for 2 *lb.* 8 *oz.* the *Weight*, and against it stands 1 *s.* 4 *d.* $\frac{1}{2}$, and that is the *Price* of *a* Thous. of *Sharp*-Nails, which weigh 2 *lb.* 8 *oz.*

EXAMPLE II.

What ought I to pay for a Thousand *of* Sharp-*Nails, that weigh* 36 *lb.?*

Look in the Table for 36 *lb.* the *Weight*, and against it stands 11 *s.* and that is what I ought to pay for them.

And so you may find either the *Weight* or *Value* of any other of the *General* Sorts of Nails; and the same Method is to be observed for finding the *Weight* or *Value* of any of the *Special* Sorts of Nails.

The TABLE *of the* Prices *and* Weight *of the* GENERAL *Sorts of* Nails, *viz. Brads, Hobbs, Nails.*

1. BRADS; *viz. Bill*-Brads, *Plain*-Brads, and *Gunner*-Brads.

2. HOBBS; *viz. Clasp*-Hobbs, *Dye*-Hobbs, *Rose*-Hobbs, *Skidder*-Hobbs, and *Thick*-Hobbs.

3. NAILS; *viz. Deck*-Nails, *Flat-head*-Nails, *Flat-Point*-Nails, *Drawe*-Nails, *Lead*-Nails, *Rose*-Nails, *Scupper*-Nails, *Sharp*-Nails, *Middle*-Nails, *Square*-Nails, *Prigg*-Nails, *Spike*-Nails, and *Weight* Nails.

Price per *Thous.*		Should weigh per *Thous.*		Price per *Thous.*		Should weigh per *Thous.*	
s.	*d.*	*lb.*	*oz.*	*s.*	*d.*	*lb.*	*oz.*
0	7¾	0	2¼	2	8	6	8
0	8	0	5	2	8½	6	12
0	8¼	0	6	2	9	7	0
0	9	0	8	2	10½	7	8
0	9¼	0	9	3	0	8	0
0	9½	0	10	3	3	9	0
0	10½	0	14	3	7	10	0
0	10¾	0	15	3	10	11	0
0	11	1	0	4	1	12	0
1	0½	1	6	4	6	13	0
1	1	1	8	4	9	14	0
1	1½	1	12	5	0	15	0
1	2	1	14	5	3	16	0
1	2½	2	0	5	6	17	0
1	4½	2	8	5	10	18	0
1	6	2	12	6	2	19	0
1	6½	2	14	6	5	20	0
1	7	3	0	6	8	21	0
1	8½	3	8	6	10	22	0
1	9½	3	12	7	2	23	0
1	10	4	0	7	6	24	0
1	11	4	4	8	2	26	0
2	0	4	8	8	10	28	0
2	1	4	12	9	2	30	0
2	2½	5	0	9	6	32	0
2	3	5	4	11	0	36	0
2	4	5	8	12	0	40	0
2	6	6	0				

NAILS.

Flat-Pointed, Strong, or *Draw'd.*

The Name.	Price per Ct. Wt.	The Name.	Price per Ct. Wt.
s. d.	l. s. d.	s. d.	l. s. d.
2 0	1 11 0	4 0	1 9 0
2 6	1 10 0	5 0	1 9 0
3 4	1 9 0	6 0	1 9 0

WEIGHT-NAILS,
Are 28 *s.* per *Hundred Weight.*

Here ends those Nails which are known by *General Sorts of Nails.*

The TABLE *of the* Prices, *and* Weight *of the* SPECIAL *Sorts of* Nails.

Batten-BRADS.

Price per Thous.	Should weigh per Thous.	Price per Thous.	Should weigh per Thous.
s. d.	lb. oz.	s. d.	lb. oz.
0 8 ½	0 8	1 9	2 12
0 11	0 14	1 10	2 14
0 11 ½	1 0	1 11	3 0
1 3	1 12	2 4	4 0
1 3 ½	1 14	2 10	5 0
1 4	2 0		

Clout-NAILS.

Price per Thous.	Should weigh per Thous.
s. d	lb. oz.
2 1	4 8
2 10	7 0
3 2	8 0

Clout-BRADS.

Price per Thous.	Should weigh per Thous.
s. d.	lb. oz.
3 6	9 0

Dogg-NAILS.

Price per Thous.	Should weigh per Thous.
s. d.	lb. oz.
3 9	9 0
4 9	12 0
6 0	16 0

N. B. There are larger *Dogg*-Nails; *viz.*

From 20 *lb.* to 120 *lb.* per *Thousand*, and are sold at 4 *d.* per *Pound.*

Jobent-NAILS.

Price per *Thous.*	Should weigh per *Thous.*
s. d.	*lb. oz.*
0 10 ½	0 14
0 11 ¼	1 0
1 2 ½	1 14
1 3	2 0
1 7	3 0

Tenter-HOOKS.

Price per *Thous.*	Should weigh per *Thous.*
s. d.	*lb. oz.*
1 3	1 0
1 6	1 8
2 2	3 8
3 0	5 8
4 6	10 0
7 0	19 0
16 0	40 0

Round-Head-NAILS.

Price per *Thous.*	Should weigh per *Thous.*
s. d.	*lb. oz.*
0 11 ½	0 13
1 0 ¾	1 0
1 3	1 10
1 4 ½	2 0
1 11	3 4
2 9	5 0
3 3	7 0
4 4	10 0
5 6	13 0

Glazier's SPRIGGS.

Price per *Thous.*	Should weigh per *Thous.*
s. d.	*lb. oz.*
0 7 ½	0 3
0 8	0 14
0 8 ¾	1 0

Pound-NAILS.

The *Name.*	Price per *Ct. Wt.*	The *Name.*	Price per *Ct. Wt.*
lb.	*l. s. d.*	*lb.*	*l. s. d.*
14 0	1 15 0	44 0	1 13 0
20 0	1 15 0	54 0	1 12 0
34 0	1 15 0		

Cart-NAILS

Are from 5 to 8 Inches long, and are sold At 30 *s. per* Hundred Weight.

Ribbing-NAILS

Are from 5 to 10 Inches long, and are sold

At 27 *s. per* Hundred Weight.

Timber-NAILS

Are from 6 to 16 Inches long, and are sold

At 30 *s. per* Hundred Weight.

Joiners-RIVETS.

Joiners-Rivets are sold by the *Pound-Weight*; viz.

Those of an Inch, at 4 *d.* $\frac{1}{2}$; those of Inch and $\frac{1}{2}$, at 4 *d.* $\frac{1}{2}$; those of 2 Inch. at 4 *d.* $\frac{1}{4}$; those of 3 Inches at 4 *d*; and those of 4 Inches at 4 *d.* per *Pound.*

WOOD SCREWS.

Of *Wood-Screws*, there are 31 *Sizes*, which are sold from 1 *s.* 6 *d.* to 36 *s.* per *Gross*; viz.

At 1 *s.* 6 *d*; at 1 *s.* 8 *d*; at 2 *s*; at 2 *s.* 3 *d*; at 2 *s.* 6 *d*; at 2 *s.* 8 *d*; at 2 *s.* 10 *d*; at 3 *s*; at 3 *s.* 2 *d*; at 3 *s.* 6 *d*; at 3 *s.* 9 *d*; at 4 *s*; at 4 *s.* 3 *d*; at 4 *s.* 6 *d*; at 5 *s*; at 5 *s.* 6 *d*; at 5 *s.* 9 *d*; at 6 *s*; at 7 *s*; at 9 *s*; at 10 *s*; at 12 *s*; at 14 *s*; at 15 *s*; at 18 *s*; at 20 *s*; at 22 *s*; at 24 *s*; at 28 *s*; at 30 *s*; and at 36 *s.* per *Gross.*

THE PRICES OF *Joiners Tools*, &c.

AUGERS.

THERE are 12 *Sizes* of *Augers*, which are sold from 1 *s.* to 4 *s.* *a piece*; *viz.*

Those which are $\frac{1}{2}$ Inch at 1 *s*; $\frac{5}{8}$ Inch at 1 *s.* 2 *d*; $\frac{3}{4}$ Inch at 1 *s.* 3 *d*; $\frac{7}{8}$ Inch at 1 *s.* 5 *d*; Inch at 1 *s.* 6 *d*; Inch $\frac{1}{8}$ at 1 *s.* 8 *d*; Inch $\frac{1}{4}$ at 2 *s*; Inch $\frac{3}{8}$ at 2 *s.* 6 *d*; Inch $\frac{1}{2}$ at 2 *s.* 8 *d*; Inch $\frac{5}{8}$ at 3 *s*; Inch $\frac{3}{4}$ at 3 *s.* 6 *d*; and 2 Inches at 4 *s.* a *piece*.

HAMMERS.

There are several Sorts of *Hammers*, but I shall only take Notice of those known by the Names of *Claw*-Hammers, *Welded*-*Cheek*-Hammers, and *Lathing*-Hammers.

There are 7 Sorts of *Claw*-Hammers, which are sold from 2 *s.* 8 *d.* to 8 *s.* per *Doz.* *viz.*

At 2 *s.* 8 *d*; at 3 *s.* 6 *d*; at 4 *s*; at 4 *s.* 6 *d*; at 5 *s.* 6 *d*; at 7 *s*; and at 8 *s.* per *Dozen.*

There are 4 Sorts of *Welded-Cheek*-Hammers, which are sold from 11 *s.* to 16 *s.* 6 *d.* per *Dozen*; *viz.*

At 11 *s*; at 12 *s*; at 14 *s*; and at 16 *s.* 6 *d.* per *Dozen.*

There are 4 Sorts of *Lathing*-Hammers, which are sold from 10 *s.* to 15 *s.* per *Dozen*; *viz.*

At 10 *s*; at 12 *s*; at 14 *s*; and at 15 *s.* per *Doz.*

AXES, ADZES, *and* HATCHETS.

There are only 3 Sorts of *Axes*, which I shall take Notice of, *viz.* *Felling*-Axes, *House*-Axes, and *Lopping*-Axes.

There are 4 Sorts of *Felling*-Axes, which are sold from 1 *s.* 5 *d.* to 2 *s.* a *piece*; *viz.*

N° 1. at 1 *s.* 5 *d*; N° 2. at 1 *s.* 6 *d*; N° 3. at 1 *s.* 10 *d*; and N° 4. at 2 *s.* a *piece.*

There are also 4 Sorts, of *House*-Axes, which are sold from 2 *s.* 6 *d.* to 3 *s.* 6 *d.* a *piece*; *viz.*

At 2 *s.* 6 *d*; at 3 *s*; at 3 *s.* 3 *d*; and at 3 *s.* 6 *d.* a *piece.*

Likewise, there are 4 Sorts of *Lopping*-Axes, which are sold from 17 *s.* to 24 *s.* per *Dozen*; *viz.*

At 17 *s*; at 18 *s*; at 22 *s*; and at 24 *s*; per *Dozen.*

There are 2 Sizes of *Adzes*; one at 20 *d*; and the other at 2 *s*; a *piece.*

There are 2 *Sizes* of *Joiners*-Hatchets; the *one* is sold at 18 *s*; and the *other* at 20 *s*; per *Dozen.*

SAWS.

SAWS.

There are ſeveral Sorts of *Saws*, both of *Steel* and *Iron*; *viz. Compaſs-Steel*-Saws, *Grafting*-Saws, *Hand* and *Pannell*-Saws, *Tennant*-Saws, *Two-Hand-peg-Tooth*-Saws, *Whip-Steel*-Saws, *Rib-Steel*-Saws.

Compaſs-Steel-Saws, are ſold by the *Dozen*; *viz.*

Thoſe of 12 Inches, at 8 *s*; and thoſe of 15 Inches, at 10 *s*; per *Dozen*.

Grafting-Saws, are alſo ſold by the *Dozen*; *viz.*

Thoſe of 10 Inches, at 9 *s*; 12 Inches, at 12 *s*; 14 Inches, at 14 *s*; 16 Inches, at 16 *s*; and 18 Inches, at 18 *s*. per *Dozen*.

Hand and *Pannel*-Saws, are likewiſe ſold by the *Dozen*; *viz.*

Thoſe of 20 Inches, are at 22 *s*; 22 Inches, at 25 *s*; 24 Inches, at 28 *s*; and 26 Inches, at 30 *s*; per *Dozen*.

Hand and *Pannel*-Saws (Extraordinary) *Harden'd Plates*.

Thoſe of 22 Inches, are ſold at 4 *s*. 6 *d*; 24 Inches, at 5 *s*; and 26 Inches, at 5 *s*. 6 *d*. a *piece*.

Tenant-Saws, *Harden'd-Plates* (Extraordinary) are ſold at 55 *s*. per *Dozen*.

Two-Hand-Peg-Tooth and *Whip-Steel*-Saws: Of theſe there are 13 different Sorts, which are ſold from 6 *s*. 6 *d*; to 30 *s*; a *piece*; *viz.*

Thoſe of 3 Foot, at 6 *s*. 6 *d*; 3 Foot ½ at 7 *s*. 6 *d*; 4 Foot, at 9 *s*; 4 Foot ½, 10 *s*; 5 Foot, at 11 *s*; 5 Foot ½, at 13 *s*; 6 Foot, at 15 *s*; 6 Foot ½, at 16 *s*; 7 Foot, at 17 *s*; 7 Foot ½, at 20 *s*; 8 Foot, at 22 *s*; 8 Foot ½, at 25 *s*; and 9 Foot at 30 *s*; a *piece*.

Rib-Steel-Saws, are ſold *ſingly*; *viz.*

Thoſe of 5 Foot, at 8 *s*; 5 Foot ½, at 9 *s*; and 6 Foot at 10 *s*; a *piece*.

WHITE's SAWS.

Hand-Saws, Whet and Set, are ſold *ſingly*; *viz.*

Thoſe

Thoſe of 22 Inches, at 6 *s*; 24 Inches, at 6 *s*. 6 *d*; and 26 Inches, at 7 *s*. a *piece*.

Pannel-Saws, made per *White*, Whet and Set, are ſold at 6 *s*; a *piece*.

Tennant-Saws, made per *White*, Whet and Set, are ſold at 7 *s*; a *piece*.

Whip-Saws, made per *White*, Whet and Set, with Tillers, and Set: Of theſe there are 7 Sizes, which are ſold as follows; *viz*.

Thoſe of 6 Foot, at 28 *s*; 6 Foot $\frac{1}{2}$, at 32 *s*; 7 Foot, at 34 *s*; 7 Foot $\frac{1}{2}$, at 38 *s*; 8 Foot, at 42 *s*; 8 Foot $\frac{1}{2}$, at 44 *s*; 9 Foot, at 50 *s*.

IRON SAWS.

Iron-Hand-Saws are ſold per the *Dozen*; *viz*.

Thoſe of 17 Inches, at 8 *s*; 18 Inches at 9 *s*; 19 Inches at 10 *s*; 20 Inches, at 12 *s*; 22 Inches, 13 *s*; and 24 Inches, 16 *s*. per *Dozen*.

Iron-Two-Hand, *Peg-Tooth*, and *Whip*-Saws, are ſold *ſingly*; *viz*.

Thoſe of 3 Foot, at 3 *s*; 3 Foot $\frac{1}{2}$, at 3 *s*. 6 *d*; 4 Foot, at 4 *s*; 4 Foot $\frac{1}{2}$, at 4 *s*. 6 *d*; 5 Foot, at 5 *s*; 5 Foot $\frac{1}{2}$, at 5 *s*. 6 *d*; 6 Foot, at 6 *s*. 6 *d*; 6 Foot $\frac{1}{2}$, at 7 *s*; and 7 Foot, 7 *s*. 6 *d*.

Hand-Saw-Screws, are ſold at 6 *s*. per *Groſs*.

Hand-Saw Setts, are ſold at 2 *s*. per *Dozen*.

But the *very beſt*, are 3 *s*. per *Dozen*.

Stone-Saws, are ſold at 35 *s*. per *Hundred Weight*.

CHIZELS.

There are ſeveral Sorts of *Chizels*; *viz*. *Firmers* and *Gouges*, *Mortice*-Chizels, *Pairing*-Chizels, *Broad*-Chizels, *Heading*-Chizels, *Scribing*-Chizels, *Turning*-Chizels and *Socket* Gouges; *all which* are ſold by the *Dozen*.

Firmers

Firmers and *Gouges shoulder'd*, those of *an Inch* or under, at 20 *d.* per *Dozen*; those from an *Inch* $\frac{1}{4}$ to an *Inch and half*, at 2 *s.* per *Dozen*; those from an *Inch* $\frac{3}{4}$ to *Two Inches*, at 2 *s.* 6 *d.* per *Dozen*.

N. B. Of these there are a longer Sort, which are 4 *s.* per *Dozen*.

Mortice-Chizels, are 4 *s.* 6 *d.* per *Doz.*

Pairing-Chizels, are 7 *s.* per *Dozen*.

N. B. There are a better Sort of *Pairing*-Chizels, which are 8 *s.* per *Dozen*.

Broad-Chizels, are 7 *s.* per *Dozen*.

Heading-Chizels, those of $\frac{1}{2}$ Inch, are 4 *s.* per *Dozen*.

And those of $\frac{1}{4}$ *Inch*, and *Inch*, are 6 *s.* per *Dozen*.

Scribing-Chizels, are 5 *s.* per *Dozen*.

Turning-Chizels and Gouges, are 5 *s.* 6 *d.* per *Dozen*.

Socket-Gouges, are 5 *s.* per *Dozen*.

COMPASSES.

Of these, there are 7 Sizes, which are sold from 20 *d.* to 3 *s.* 4 *d.* per *Dozen*; *viz.*

At 20 *d*; at 2 *s*; at 2 *s.* 3 *d*; at 2 *s.* 6 *d*; at 2 *s.* 9 *d*; at 3 *s*; and at 3 *s.* 4 *d.* per *Dozen*.

Compasses with *Steel Sweeps*, are of different Sizes, and are sold *Singly*; *viz.*

Those of 12 Inches, at 2 *s.* 6 *d*; 13 Inches, at 2 *s.* 9 *d*; 14 Inches, at 3 *s*; and 15 Inches, at 3 *s.* 6 *d.* per *Pair*.

TROWELS.

Of these, there are the following Sorts; *viz.*

Brick-Trowels, at 10 *s.* per *Dozen*.
Setting-Trowels, at 9 *s.* per *Doz.*
Stopping-Trowels, at 8 *s.* per *Doz.*
Stone-Trowels, at 10 *s.* per *Doz.* and
Laying-Trowels, at 10 *s.* per *Doz.*

Jack, or *Hand-Screws* (Single).

Of these there are several Sizes, which are sold by the Pair; *viz.*

Those

Those of $\frac{1}{2}$ Inch, at 16 *s*; those of $\frac{3}{4}$ Inch, at 25 *s*; those of $\frac{7}{8}$ Inch, at 26 *s*; those of an Inch, at 30 *s*; those of Inch $\frac{1}{8}$, at 31 *s*; those of Inch $\frac{1}{4}$, Inch $\frac{3}{8}$, and Inch $\frac{1}{2}$, at 40 *s*. a Pair.

Jack, or *Hand-Screws* (Double)

Are sold by the *Pair*; *viz.* those of Inch $\frac{1}{4}$, at 40 *s*; and those of Inch $\frac{1}{2}$, at 80 *s*.

BOLTS.

There are several Sorts of *Bolts*; *viz.* *Balcony*-Bolts, *Spring*-Bolts, *Sash*-Bolts, and *Shutter*-Bolts.

Some Balcony-Bolts, are sold by the *Dozen*, and *some* by the *Pair*; there are 10 Sorts of those which are sold per *Doz.* *viz.*

At 6 *s*; at 7 *s*; at 9 *s*; at 12 *s*; at 15 *s*; at 18 *s*; at 22 *s*; at 24 *s*; at 26 *s*; and at 28 *s*. per *Dozen*.

Balcony-Bolts, sold by the *Pair*, of these there are 8 Sorts; *viz.*

At 3 *s*; at 3 *s*.6 *d*; at 4 *s*. 6 *d*; at 5 *s*; at 5 *s*. 6 *d*; at 7 *s*; at 9 *s*; and at 12 *s*. 0 *d*. per *Pair*.

Spring-Bolts, and *Sash*-Bolts, are sold by the *Dozen*, and of these there are 15 Sorts; *viz.*

At 1 *s*. 6 *d*; at 1 *s*. 10 *d*; at 2 *s*. 3 *d*; at 2 *s*. 4 *d*; at 2 *s*. 9 *d*; at 3 *s*. 6 *d*; at 4 *s*; at 4 *s*. 6 *d*; at 5 *s*. 6 *d*; at 6 *s*. 6 *d*; at 9 *s*; at 12 *s*; at 13 *s*; at 15 *s*; and at 18 *s*. per *Dozen*.

Shutter-Bolts, are sold *per* the *Dozen*; and of these there are 5 Sorts; *viz.*

At 10 *s*; at 12 *s*; at 14 *s*; at 16 *s*; and at 18 *s*. per *Dozen*.

LATCHES.

Of these, there are several Sorts; *viz.* *Long-Tinn'd*-Latches; *Varnish'd*-Latches; *Spring* and *Thumb*-Latches; with *Bras-Knob*; and *Rimmed*-Latches.

Long-

Long-Tinn'd-Latches, are ſold by the *Dozen*; and of theſe, there are 7 Sorts; *viz.*

At 2 *s.* 3 *d*; at 2 *s.* 6 *d*; at 3 *s*; at 4 *s*; at 4 *s.* 6 *d*; at 6 *s*; and at 7 *s.* per *Doz.*

Varniſh'd-Latches, are ſold by the *Doz.* and of theſe there are 5 Sorts; *viz.*

At 2 *s.* 6 *d*; at 3 *s*; at 4 *s*; at 6 *s*; and at 8 *s.* per *Dozen.*

Spring and *Thumb*-Latches, are ſold by the *Dozen*; and of theſe there are 9 Sorts; *viz.*

At 3 *s.* 6 *d*; at 4 *s*; at 4 *s.* 6 *d*; at 5 *s.* 6 *d*; at 7 *s*; at 8 *s*; at 9 *s*; at 12 *s*; and at 14 *s.* per *Dozen.*

Latches with *Braſs-Knobs*, are ſold by the *Dozen*; and of theſe there are 3 Sorts; *viz.*

At 14 *s*; at 16 *s*; and at 18 *s.* per *Dozen.*

Rimm'd-Latches: Of theſe there are ſundry Sorts; *viz. Iron*-Caſed, *Braſs*-Caſed, and ſome *Sliding*-Caſed, and ſome *not*-Caſed; theſe are ſold *Singly*, and are from 1 *s.* 10 *d*; to 16 *s.* a *piece*; *viz.*

At 1 *s.* 10 *d*; at 2 *s.* 2 *d*; at 2 *s.* 4 *d*; at 3 *s*; at 3 *s.* 6 *d*; at 4 *s*; at 4 *s.* 6 *d*; at 5 *s.* 6 *d*; at 6 *s.* 6 *d*; at 8 *s.* 6 *d*; at 9 *s*; at 10 *s*; at 12 *s*; at 13 *s*; and at 16 *s.* a *piece.*

HINGES.

There being ſeveral *Sorts* and many *Sizes* of Hinges; the *Wholeſale Smiths* and *Iron-mongers*, to avoid, as much as poſſible, too great a Multiplicity of Prices, have contrived to *Claſs* and conſider ſeveral Sorts *together*, after ſuch a Manner, that the Prices ſet down under each *Claſs* or *Sortment*, are applicable to the whole.

Black-Hinges, *Cheſt*-Hinges, *Cheſt*-Haſps, *Hooks* and Hinges, *Scuttle*-Hinges, *Strap*-Hinges.

The above Sorts are ſold by the *Doz.* as follows; *viz.*

At 3 *s.* 3 *d*; at 4 *s.* 3 *d*; at 5 *s.* 3 *d*; at 6 *s.* 3 *d*; at 7 *s.* 6 *d*; at 8 *s.* 6 *d*; and at 10 *s.* 6 *d*; per *Dozen.*

Croſs-Garnet-Hinges, with *riſing-Joints*, are ſold by the *Dozen*; and from 6 *s.* 6 *d*; to 15 *s.* 6 *d*; *viz.* at 6 *s.* 6 *d*; at 8 *s.* 6 *d*; at 10 *s.* 6 *d*; at 13 *s.* 6 *d*; and at 15 *s.* 6 *d*; per *Dozen*.

Croſs-Garnet and *Scuttle*-Hinges that are *weighty*, are ſold at 32 *s.* 6 *d*; per *Hundred Weight*.

But if more than 25 Pair to the *Hundred Weight*, then at 12 *d.* per *Hundred* more.

Croſs-Garnet-Hinges, with *Filed-Joints*, are ſold at 37 *s.* 6 *d*; per *Hundred Weight*.

Hinges with *Hooks*, are ſold at 30 *s.* per *Hundred Weight*. *N. B.* Sometimes they have *Stay-Hooks*, and then they are 2 *s.* per *Hundred* more.

Holdfaſts and *Wall-Hooks*, are ſold at 33 *s.* per *Hundred Weight*.

Ditto for *Joiners*, are ſold at 4 *d.* $\frac{1}{2}$ per *Pound*.

Hooks and *Eyes* for *Gates*, are ſold at 3 *d.* $\frac{1}{2}$ or 3 *d.* $\frac{3}{4}$ per *Pound*.

The *Cheaper Sort* of Hinges, are *Lancaſhire*-Hinges, *Balcony*-Hinges, *Cheſt*-Hinges, *Dove-tail'd*-Hinges, *Croſs-Garnet*-Hinges, *Shutter*-Hinges, *Side*-Hinges, *Pew*-Hinges, *Box*-Hinges, and *Bed*-Hinges.

N B. Theſe Sorts are ſold by the *Doz.* *viz.*

At 1 *s*; at 1 *s.* 2 *d*; at 1 *s.* 6 *d*; at 2 *s.* 6 *d*; at 3 *s*; at 4 *s*; at 5 *s*; at 8 *s*; at 10 *s*; at 12 *s*; at 14 *s*; at 16 *s*; at 18 *s*; at 20 *s*; at 24 *s*; and at 30 *s.* per *Dozen*.

Smooth-Filed-Hinges, *viz. Balcony*-Hinges, *Box*-Hinges, *Cheſt*-Hinges, *Clock-Caſe*-Hinges, *Desk*-Hinges, *Pew*-Hinges, *Shutter*-Hinges, *Side*-Hinges, and *Tumblers*.

N. B. Theſe Hinges are ſold by the *Dozen*, as follows; *viz.*

At 1 *s.* 6 *d*; at 1 *s.* 8 *d*; at 1 *s.* 9 *d*; at 2 *s*; at 2 *s.* 2 *d*; at 2 *s.* 6 *d*; at 3 *s*; at 3 *s.* 6 *d*; at 4 *s*; at 4 *s.* 6 *d*; at 5 *s* 6 *d*; at 7 *s*; at 9 *s*; at 10 *s*; at 11 *s*; at 14 *s*; at 16 *s*; at 20 *s*; at 22 *s*; at 24 *s*; at 26 *s*; at 30 *s*; at 36 *s*; and at 42 *s.* per *Dozen*.

Some *Smooth-Filed*-Hinges, are ſold by the *Pair*, and are from 4 *s.* to 7 *s*; *viz.*

At

At 4*s*; at 5*s*; at 5*s*. 6*d*; at 6*s*; and at 7*s*. a *Pair*.

The *best* HL *Hinges*, are sold by the *Pair*; *viz.*

Those of 6 Inches, at 9 *d*; 7 Inches, at 10 *d*; 8 Inches, at 1 *s*; 9 Inches, at 1 *s*. 2 *d*; 10 Inches, at 1 *s* 6 *d*; 11 Inches, at 2 *s*; and 12 Inches, at 2 *s*. 9 *d*. a *Pair*.

N. B. There are *larger Sizes*, which are sold at 10 *d*. per *Pound*.

HL *Hinges*, with *Rising Joints*, are sold by the *Pair*, as follows; *viz.*

Those of 7 Inches, at 1 *s*. 2 *d*; 8 Inches, at 1 *s*. 6 *d*; 9 Inches, at 1 *s*. 9 *d*; 10 Inches, at 2 *s*. 2 *d*; 11 Inches, at 3 *s*; and 12 Inches, at 4 *s*. a *Pair*.

N. B. *There are* larger Sizes, *which are sold at* 10 d. per Pound.

Pew-Hinges are sold by the *Dozen*, as follows; *viz.*

Those of 6 Inches, at 9 *s*; 7 Inches, at 13 *s*; 8 Inches, at 17 *s*; 9 Inches, at 21 *s*; and 10 Inches, at 26 *s*. per *Dozen*.

Shutter-Hinges are sold by the *Dozen*; *viz.*

Those of 6 Inches, at 7 *s*; 7 Inches, at 10 *s*; 8 Inches, at 12 *s*; and 9 Inch. at 16 *s*; per *Dozen*.

Side-Hinges are sold by the *Dozen*, as follows; *viz.*

5 Inches, at 4 *s*. 6 *d*; 6 Inches, at 6 *s*; 7 Inches, at 8 *s*; 8 Inches, at 10 *s*; 9 Inches, at 12 *s*; and 10 Inches, at 13 *s*. per *Dozen*.

The *best Dove-Tail'd*-Hinges, are sold by the *Pair*, viz.

Those of 3 Inches, at 3 *s*; 3 Inches $\frac{1}{2}$, at 4 *s*; 4 Inches, at 4 *s*. 6 *d*; 4 Inches $\frac{1}{2}$, at 5 *s*; and 5 Inches, at 6 *s*. a *pair*.

LOCKS.

The different Sorts of *Locks*, are almost innumerable, as it respects the *Making* and *Contriving* their *Wards* and *Guards*, &c. and a more particular Account than what I shall give of them, would, by the Generality of Readers, I presume, be thought

ſuperfluous ; the *Locks* I ſhall exhibit the Prices of, are,

1. *Baſtard-Banbury-Stock*-Locks.
2. *Livery-Stock*-Locks.
3. *Plate-Stock*-Locks.
4. *Plate-Cloſet*-Locks : *ditto* with *Screws* ; *ditto* with *Single* Springs ; *ditto* with *Double* Springs.
5. *Spring-Stock*-Locks ; *twice* Dead ; *Spring Stock*-Locks ; *twice* Dead, in *Suite*.
6. *Iron-Rimm'd*-Locks ; *once* Dead ; *twice* Dead and *Pull-back*, with Braſs Knobs; *One* Bolt, *Two* Bolts, and *Three* Bolts, *plain*, and Wards *bound*.
7. *Braſs-Rimm'd*-Locks ; *Cloſet*, *with Spindles*, not *Caſſed* ; *Caſſed*, and *Sliding* Caſe.
8. D *Gate*-Locks, with *Two* Wards, *Three* Wards, *Steel*-Wards, *Slit-Key*, or *Letter-Key*.
9. *Hanging-Locks* ; *Pad-Locks* ; *Slit-Key'd*-Locks ; *Bridg'd*, and *Secret-Pad*-Locks.
10. *Cabinet*-Locks ; *Box*-Locks ; *Cup-board*-Locks, and *Till*-Locks.
11. *Cabinet*-Locks ; *Till*-Locks ; *Scrutore*-Locks ; *Deſk*-Locks ; *Book-Caſe*-Locks, in *Suite* ; *Five* Locks, and *one* Key.
12. *Inſide*-Locks, for Cheſts, Deſks, Tills, Cupboard, and Boxes ; *viz.*

X Keys, X Wards, XX Wards, XX and Bullet Wards ; S. Bitted, *&c.*

13. *Outſide*-Locks for Boxes, Cheſts, Trunks, and Ban Boxes.
14. *Very ſmall* X Ward, *Cup-board*, and *Till*-Locks.

I ſhall begin with thoſe which the *Wholeſale*-Dealers prize diſtinctly ; and it muſt be obſerved, (by ſuch as would attain a true Notion of theſe Things) that as it was in the Caſe of *ſome* Hinges, ſo it is in the Caſe of *ſome* Locks ; the Wholeſale *Ironmongers* and *Smiths*, to avoid, as much as poſſible, too great a Multiplicity of Prices, have contrived to *Claſs*, or *Sort*, ſeveral Kinds of Locks together, ſo that the Prices ſet down ſhall be applicable to all the *Sorts* in each *Claſs*.

Ba-

Bastard-Banbury-Stock-Locks, are sold by the *Dozen*; *viz.*

At 6 *s*; at 7 *s*; at 8 *s*; and at 9 *s*. per *Dozen*.

Livery-Stock-Locks, are sold from 6 *s*. 6 *d*. to 24 *s*. per *Dozen*; *viz.*

At 6 *s*. 6 *d*; at 8 *s*. 6 *d*; at 9 *s*. at 11 *s*; at 14 *s*; at 16 *s*; at 20 *s*; at 22 *s*; and at 24 *s*. per *Dozen*.

Plate-Stock-Locks, are sold from 8 *s*. to 27 *s*. per *Dozen*; *viz.*

At 8 *s*; at 9 *s*; at 11 *s*; at 12 *s*; at 14 *s*; at 16 *s*; at 20 *s*; at 22 *s*; at 24 *s*; and at 27 *s*. per *Dozen*.

Plate-Closet-Locks; of these, some are sold by the *Dozen*; some are sold *singly*, with *Screws*; some are sold *singly*, with *single Springs*, and some are sold *singly*, with *Double* Springs: Those sold by the *Dozen*, are from 11 *s*. to 20 *s*; *viz.*

At 11 *s*; at 12 *s*; at 14 *s*; at 16 *s*; and at 20 *s*. per *Dozen*.

Those sold *singly* with *Screws*, are from 16 *d*. to 3 *s*. 6 *d*. a *piece*; *viz.*

At 1 *s*. 4 *d*; at 1 *s*. 8 *d*; at 1 *s*. 10 *d*; at 2 *s*. 2 *d*; at 2 *s*. 9 *d*; and at 3 *s*. 6 *d*. a *piece*.

Those sold *singly*, with *single* Springs, are sold from 6 *s*. 6 *d*. to 9 *s*. *a piece*; *viz.*

At 6 *s*. 6 *d*; at 7 *s*; at 8 *s*; and at 9 *s*. a *piece*.

Those sold *singly* with *double* Springs, are sold from 12 *s*. to 16 *s*. a *piece*; *viz.*

At 12 *s*; at 14 *s*; and at 16 *s*. a *piece*.

Spring-Stock-Locks, *Twice* dead, are sold from 2 *s*. 2 *d*; to 9 *s*. 6 *d*. a *piece*; *viz.*

At 2 *s*. 2 *d*; at 2 *s*. 4 *d*; at 2 *s*. 10 *d*; at 3 *s*. 6 *d*; at 4 *s*. 6 *d*; at 5 *s*. 6 *d*; at 7 *s*; at 8 *s*; and at 9 *s*. 6 *d*. a *piece*.

Spring-Stock-Locks, *Twice* dead, in *Suite*, are from 11 *s*. to 50 *s*; *viz.*

At 11 *s*; at 14 *s*; at 16 *s*; at 20 *s*; at 22 *s*; at 24 *s*; at 26 *s*; at 33 *s*; at 40 *s*; and at 50 *s*. a *piece*.

Iron-Rimm'd-Locks, are of sundry Sorts; *viz.*

Once dead, *Twice* dead, and Pull-Backs, with *Brass*-Knobs; *One* Bolt; *Two* Bolts; and *Three* Bolts; *Plain*, and Wards, *Bound*. *Brass*-

Brass-Rimm'd-Locks, *Closet*, with *Spindles, not* Cased, *Cased*; and *Sliding*-Cased.

N. B. *The above Locks, are of several Prices*; viz. *from* 11 d. *to* 32 s. *a* piece; *viz.*

At 11 *d*; at 1 *s*; at 1 *s*. 2 *d*; at 1 *s*. 6 *d*; at 1 *s*. 7 *d*; at 1 *s*. 10 *d*; at 2 *s*. 2 *d*; at 2 *s*. 4 *d*; at 2 *s*. 6 *d*; at 2 *s*. 9 *d*; at 3 *s*; at 3 *s*. 6 *d*; at 4 *s*; at 4 *s*. 3 *d*; at 4 *s*. 6 *d*; at 4 *s*. 9 *d*; at 5 *s*. 6 *d*; at 6 *s*; at 6 *s*. 6 *d*; at 7 *s*. 6 *d*; at 8 *s*; at 8 *s*. 6 *d*; at 9 *s*; at 9 *s*. 6 *d*; at 10 *s*; at 12 *s*; at 13 *s*; at 16 *s*; at 18 *s*; at 21 *s*; at 24 *s*; at 26 *s*; and at 32 *s*. a *piece*.

Besides those *Iron-Rimm'd*-Locks, and *Brass-Rimm'd*-Locks before-mentioned, there are also 26 Sorts, which are sold *in Suite*; viz.

At 14 *s*; at 16 *s*; at 19 *s*; at 21 *s*; at 24 *s*; at 26 *s*; at 28 *s*; at 30 *s*; at 33 *s*; at 36 *s*; at 38 *s*; at 42 *s*; at 48 *s*; at 54 *s*; at 60 *s*; at 65 *s*; at 68 *s*; at 70 *s*; at 76 *s*; at 84 *s*; at 90 *s*; at 5 *l*; at 5 *l*. 10 *s*. 0 *d*; at 6 *l*. 0 *s*. 0 *d*; at 6 *l*. 10 *s*. 0 *d*; and at 7 *l*. 0 *s*. 0 *d*. per *Suite*.

D *Gate*-Locks, if *Two* Wards, *Three* Wards, *Steel*-Wards, *Slit*-Key, or *Letter*-Key; are from 2 *s*. 6 *d*. to 14 *s*. per *Dozen*; *viz.*

At 2 *s*. 6 *d*; at 2 *s*. 9 *d*; at 3 *s*; at 3 *s*. 4 *d*; at 3 *s*. 6 *d*; at 4 *s*; at 4 *s*. 6 *d*; at 5 *s*; at 7 *s*; at 7 *s*. 6 *d*; at 8 *s*; at 9 *s*; at 11 *s*; and at 14 *s*. a *Dozen*.

Hanging-Locks, *Pad*-Locks, *Slit-Key'd*-Locks, are from 3 *s*. 6 *d*; to 16 *s*. per *Dozen*; viz.

At 3 *s*. 6 *d*; at 4 *s*; at 4 *s*. 6 *d*; at 5 *s*. 6 *d*; at 7 *s*; at 8 *s*; at 9 *s*; at 10 *s*. 6 *d*; at 12 *s*; at 14 *s*; and at 16 *s*. per *Dozen*.

Bridg'd and *Secret Pad*-Locks; some are from 9 *s*. to 16 *s*. per *Dozen*; *viz.*

At 9 *s*; at 11 *s*; at 14 *s*; and at 16 *s*. a *Dozen*.

Bridg'd, and *Secret-Pad*-Locks, some are sold *singly*, and those are from 20 *d*. to 5 *s*. 6 *d*. a *piece*; *viz.*

At

At 1 *s.* 8 *d*; at 1 *s.* 10 *d*; at 2 *s.* 2 *d*; at 2 *s.* 6 *d*; at 2 *s.* 9 *d*; at 3 *s.* 6 *d*; at 4 *s*; and at 5 *s.* 6 *d.* a *piece.*

Cabinet-Locks, *Box*-Locks, *Cupboard*-Locks, *Till*-Locks, (whether *in Suite, or not*) are from 3 *s.* 6 *d.* to 16 *s.* per *Doz. viz.*

At 3 *s.* 6 *d*; at 3 *s.* 8 *d*; at 4 *s*; at 4 *s.* 6 *d*; at 5 *s.* 6 *d*; at 7 *s*; at 8 *s*; at 10 *s*; at 11 *s*; at 14 *s*; and at 16 *s.* per *Dozen.*

Cabinet-Locks, *Till*-Locks, *Escrutore*-Locks, in *Suite, Five* Locks and *One* Key, *Desk*-Locks, and *Book-Case*-Locks, are from 2 *s.* to 7 *s.* a *piece*; *viz.*

At 2 *s*; at 2 *s.* 6 *d*; at 3 *s*; at 3 *s.* 6 *d*; at 4 *s*; at 5 *s.* 6 *d*; and at 7 *s.* a *piece.*

N. B. *There are some of* Higher-Price *but not of common Use.*

Of *Inside*-Locks for *Chests, Desks, Tills, Cupboards* and *Boxes*; there are sundry Sorts; *viz.*

X *Keys*, X *Wards*, XX *Wards*, XX and *Bullet-Wards*, S *Bitted-Spring*, &c. And these are sold from 3 *s.* 2 *d.* to 36 *s.* per *Dozen*; viz.

At 3 *s.* 2 *d*; at 3 *s.* 6 *d*; at 4 *s*; at 4 *s.* 4 *d*; at 4 *s.* 6 *d*; at 4 *s.* 8 *d*; at 5 *s.* 3 *d*; at 5 *s.* 6 *d*; at 5 *s.* 8 *d*; at 7 *s*; at 8 *s*; at 9 *s*; at 11 *s*; at 12 *s*; at 14 *s*; at 16 *s*; at 20 *s*; at 22 *s*; at 26 *s*; at 28 *s*; and at 36 *s.* a *Dozen.*

Inside-Locks, *not* sold in *Dozens*, but *single*; *viz.*

At 2 *s.* 2 *d*; at 3 *s*; at 3 *s.* 6 *d*; at 4 *s.* 6 *d*; at 5 *s*; at 5 *s.* 6 *d*; at 7 *s*; at 8 *s*; and at 11 *s.* a *piece.*

Outside-Box and *Chest*-Locks, sold by the *Dozen*, and are from 3 *s.* 2 *d.* to 19 *s. viz.*

At 3 *s.* 2 *d*; at 3 *s.* 6 *d*; at 4 *s*; at 4 *s.* 6 *d*; at 5 *s.* 6 *d*; at 7 *s*; at 7 *s.* 6 *d*; at 8 *s*; at 9 *s.* 6 *d*; at 11 *s*; at 14 *s*; at 16 *s*; and at 19 *s.* per *Dozen.*

Outside-Locks, for *Trunks*, and *Ban*-Boxes are sold at 5 *s.* 6 *d*; *Ditto* plain Drill'd

Drill'd at 7 *s*; X Ward, at 8 *s*; Raised at 14 *s*; per *Dozen*.

Ditto Small X Ward *Cupboard* and *Till*-Locks, are sold per *Dozen*; *viz.*

At 4 *s*. 6 *d*; and at 5 *s*. 0 *d*. per *Dozen*.

IRON WORK,

Done by the *Pound-Weight*, is

Casements for Windows, Cross-Window-Bars, filed, and Work of the like Nature, at 4 *d*. ½ per *Pound*.

Iron-Doors, and Shutters, at 10 *d*. per *Pound*.

All hammer'd-Work, as Chimney-Bars, Stays, Upright-Window-Bars, Iron-Fenders, Shutter-Bars, Pump-Work, Bolts, Saddle-Bars, Cramps, Hold-fasts, Wall-Hooks, Gudgeons, Hoops, and all Black Work of the same Nature, at 3 *d*. ½, per *Pound*.

Pins, Hoops, Chains, Hooks, *&c*. to stable Bails, at 4 *d*. per *Pound*.

FINIS.